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# OSCAR H. WILL & Co

BISMARCK, NORTH DAKOTA

1883 Sixtieth Annual Catalog 1943

WILL'S PIONEER  
BRAND



TRADE MARK REGISTERED

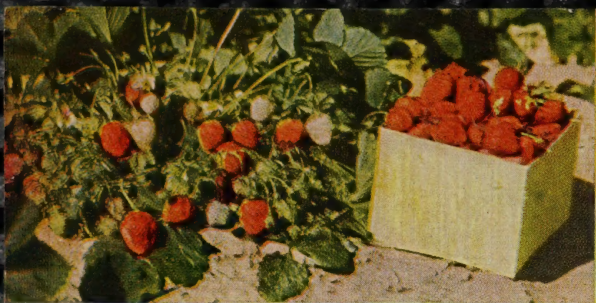
SQUAW CORN  
1883

PIONEER HYBRID CORN  
1943

SEED CORN SPECIALISTS - SEEDS - TREES - PLANTS

PIONEER SEEDHOUSE NURSERY &  
GREENHOUSES OF THE NORTHWEST





#### **DRY WEATHER STRAWBERRIES.**

Dr. Yeager's drouth resistant ever-bearing variety. See catalog page 74.



**ORANGE KING TOMATO.** Bright orange inside and out. A heavy yielding, midseason, high quality tomato. Pkt., 15c. See page 44. The Red tomato is MICHIGAN NO. 4502 TOMATO—The earliest good sized tomato. Pkt., 10c; oz., 65c. See page 45.



**BREAKEY APPLE,** from Manitoba. Hardy, delicious and adapted to Great Plains conditions. See page 75.



**SPLENDID PLUM.** Hardest, high quality large plum for the Northern Plains. See page 78.



**YEAGER SWEET APPLE.** An unusually delicious small sweet apple, very hardy. See page 75.



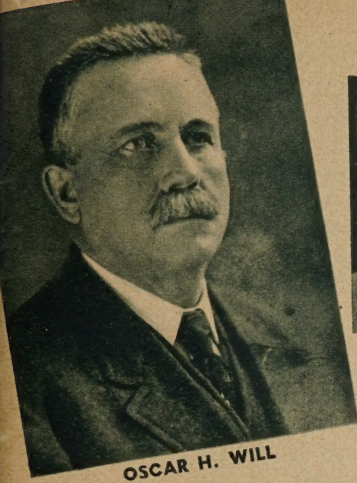
**EARLIGOLD HYBRID SWEET CORN.** Very early, large eared, uniform, golden variety. Pkt., 10c;  $\frac{1}{4}$  lb., 20c. See page 24.



**RUDDY RASPBERRY.** Another Yeager variety, heaviest yielding of all hardy sorts. See page 73.



## GARDEN FOR VICTORY



OSCAR H. WILL



George F. Bird



R. W. Lumry



Mrs. Lumry



GEORGE F. WILL



P. W. Starkle



Miss Julia Johnson



C. J. Warner



M. Peterson



Miss Nana Cook



Geo. Instone



Matt Hummel



L. P. Wedge



Adam Jundt

WE FIND ourselves with the rest of the nation today, concerned with the greatest and most complete war that the world has ever known. Every individual and every group of people must extend to the very utmost their efforts to further our cause in the way in which each one is best fitted to serve, and those who produce food on the farm and in the field have a very important part to perform in feeding our armed forces, ourselves and much of the rest of the world. To our mind, therefore, it is vitally important to raise, prepare and collect the seed which has such an essential part in the production of food.

Therefore, we offer with some degree of pride this, our 60th Catalog, in which we list the many items originated or introduced by our firm which are particularly adapted to our Northern Great Plains and which have first appeared in the many annual Catalogs which we have sent out through the years.

In view of this 60th Anniversary of our Catalog you will, we are sure, overlook our pride and pleasure in the event and we hope that a brief story of and a few facts about the "Pioneer Seed House" will be of some interest to all our many customers.

Oscar H. Will came to Bismarck in 1881 and in 1882 established his own Seed, Nursery and Greenhouse business. From the small greenhouse and office on 5th street where Oscar Will could do practically all the necessary



Miss Frances Peterson



L. Schubert



Peter Roether

Pictures of Our Department Heads and Employees with Maximum Years of Service



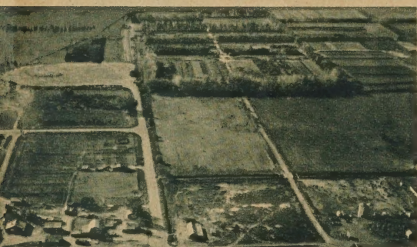




**Our Apple Creek Nursery**



**Our No. 2 Warehouse**



**Our Bismarck Nursery**



**Our No. 3 Warehouse**

OSCAR H. WILL & CO., BISMARCK, NORTH DAKOTA work, our business has gradually expanded and increased, with many setbacks during hard times, drought periods and other troubles. Today we have three large warehouses, three large greenhouses, nearly two hundred acres in nursery stock, plants, seeds and Hybrid Corn, and various other small buildings of all sorts. Our force has increased to well over a hundred employees in the busy season with an all year staff of about fifty.

Oscar Will conducted the business till 1917 when his son, George, who first started to work in 1900 during vacations and became a regular member of the staff in 1906, took over the management. Much of the success of our business is due to a number of outstanding people, members of our staff who have been with us for periods of a dozen to twenty-five or more years. Without them there could be no successful business and we are deeply grateful to all of them.

From his first arrival in Dakota, Oscar H. Will became a recognized figure in horticultural and agricultural affairs. He was a member of the first State Fair Board and in 1887 gave a paper at a Huron Meeting of the Dakota Horticultural Society on "Forestry in the Northern part of Dakota Territory." He became deeply interested in the question of earliness and hardiness and worked along those lines with plants of all kinds, a work which our firm still continues. He has received much credit for his work with Corn and we have entertained at Bismarck through many years a number of the distinguished authorities on Corn both from this country and European countries.

In view of all of these facts and the business with which our customers have favored us, as well as of the large amount of advice for which we are constantly called upon, we feel that we have made a place for ourselves in these Northern Plains and that our 60th Catalog offered herewith represents 60 years of useful service to agriculture and horticulture.

We hope that you will like our new book and we can assure you that the new things which we are offering are well up to the standard of our past introductions.

It behooves us all to put in a good garden, and to produce and store from that Victory Garden just as much as possible. That applies to Fruits as well as Vegetables. And so let us all pull in our belts and settle down together to the expenditure of every last ounce of our energy in the production of materials needed to insure Victory complete for our own democratic way of life.

**Our No. 1 Building**





# TESTED AND TRIED ITEMS FOR THE WARTIME GARDEN

## PIONEER HYBRID SWEET CORN.

A very early, large eared, heavy yielding yellow hybrid Sweet Corn. The uniform golden ears are  $6\frac{1}{2}$  to 7 inches long with 12 to 16 rows of kernels. A most satisfactory combination of earliness, size and quality. Pkt., 10c;  $\frac{1}{4}$  lb., 21c;  $\frac{1}{2}$  lb., 38c; 1 lb., 70c, postpaid.

## DAKOTA SQUASH.

Professor A. F. Yeager's cross between Table Queen and Mandan Squash. Top shaped, with dark green skin and pale orange flesh, Dakota is much earlier and more prolific than Table Queen and should be used in the same way. Pkt., 10c; oz., 25c.



## EARLIEST WHITE CUCUMBER

As early as the Extra Early Siberian and a very heavy yielder, the Cucumbers average 7 inches long, initially green, turning white as they mature, crisp and of fine quality. Pkt., 10c; oz., 35c.



## SCOUT APRICOT

Absolutely hardy, delicious flavor. For prices see page 79.



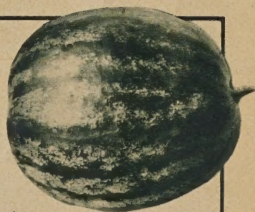
## OPATA PLUM

Bears the second year. Heavy yielder. High quality. For prices see page 79.



## BUZA RED WINTER

WATER MELON. Small, round, fine keeping, light green striped melon with fine quality red flesh. Originally from Poland and very early. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 65c, postpaid.



**OLDEN GOPHER MUSK MELON.** A smooth, ribbed oval, orange fleshed sort introduced by the Minnesota Agricultural Experiment Station. A melon of very high quality. Pkt., 10c; oz., 20c.



Norman Ross

**NORMAN ROSS MUSK MELON.** A large, early, orange fleshed netted melon developed at the Canadian Experiment Station at Indian Head, Sask. Pkt., 10c.

## SCUGOG RED FLESHED HARDY CRAB APPLE

A beautiful tree with pink blossoms and large fruit. For prices see page 76.





**FREE****PREMIUMS**

In the top of each sack of Hybrid or Variety cross seed corn will be found one pair of brown gloves.

With every order for vegetable and flower seeds of \$15.00 or more, for seed grain or nursery stock of \$25.00 or more we shall be glad to furnish on request one large white thermometer 13 1/2 in. long and suitable for out of door use.

In place of the thermometer, for those preferring it, we can send the following book:

Guide to Corn Growing in the American and Canadian Northwest. (Sales price, 50c.) A complete handbook of Corn History, Corn Breeding, Corn Growing, Corn Varieties, and the handling of the crop; in popular form and non-technical language. Deals with all matters relating to corn production under the special requirements of Northwestern and Northern Great Plains conditions.

With each order for HYBRID CORN amounting to \$25.00 or more we offer a combination mirror and thermometer.

**BE SURE TO ORDER EARLY AND AVOID DELAYS & DISAPPOINTMENTS**

All prices quoted are subject to change without notice. Any tax which may be imposed after the printing of this catalog upon items listed must be added by the customer to the quoted price.

Prices quoted on items covered by price ceilings are at ceiling or below.

**GENERAL INFORMATION**

**HOW TO SEND MONEY.** Remittance should be made by **Postoffice** or **Express Money Order** or by **Bank Draft**. Personal checks on banks are accepted, but customers must pay exchange and collection charge of 5 cents. U. S. stamps are accepted.

**DELIVERY OF GOODS.** Goods may be sent by mail, express or freight. Postpaid prices are quoted in most cases. Parcel Post rates are given so that customers can figure the amount necessary to add to freight prices when larger amounts are desired by mail. If you wish goods sent by mail be sure that you remit mail prices. The Parcel Post weight limit is 70 lbs. Weight limit for Parcel Post to Canada 15 lbs. at 14c per lb. There is no reduction on postpaid prices of packet and ounce goods if sent by express or freight.

**EXPRESS AND FREIGHT.** Quotation F. O. B. here means that we deliver the goods to the express or railway company. The purchaser pays all transportation charges on receipt of goods. On moderate sized orders we advise express shipment rather than freight. All prices are F. O. B. here unless quoted postpaid.

Upon delivery of goods to transportation company, a sale is completed. In event of loss or damage to goods in transit the purchaser must have notation of such loss placed upon his receipt, and may then file claim for loss at his station, or may send the necessary papers to us when we shall gladly enter claim for him, remitting to him as soon as the claim is paid.

Remember that our responsibility ceases on delivery in good order to the transportation company, and it is therefore imperative that every purchase be carefully examined for loss or damage before accepting it.

We do not guarantee replacement of goods sent by mail. An additional remittance of five cents will insure any mail package. We can not insure plants and nursery stock so there is no recourse in case of delay and injury when mailed.

**PACKING.** No charge is made for boxes, bags or wrapping for any goods offered in this catalog.

**KEEP A COPY OF YOUR ORDER.** Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with goods or notices sent.

**MISTAKES.** These will happen in spite of all care. Write us at once with copy of original order and order number, and mistake will be promptly rectified. Please do not return goods until you hear from us.

Notify us if you hear nothing of your order within a reasonable time.

**OUR RESPONSIBILITY.** It is so manifestly impossible for a seller of any perishable goods to be responsible for what happens to them after they leave his hands, especially goods like seeds and

plants which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to crop which may be raised from the seeds which we sell.

We wish it understood that all goods are sold under the following general non-warranty.

We give no warranty, express or implied, as to the productiveness of any seeds, trees, plants or bulbs we sell and we will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed.

However, we wish to call the attention of our customers to the fact that we make careful tests of all seeds in our stock and endeavor to see that nothing but goods of the very highest quality are sent out.

We urge most strongly that every bit of seed grain or seed corn received from us be tested. Should the test prove unsatisfactory or the goods not as represented we should be notified at once and an immediate adjustment will be made.

With regard to trees or plants, if sent by express, and damage is noted by consignee at the station, we are glad to replace or refund. We do not guarantee nursery stock and plants after being taken from the express office, but are always willing to give attention to just claims for loss. We do not make C. O. D. shipments of perishable goods.

**PARCEL POST RATES**

Limit of weight, 70 lbs.

If You Do Not Know Which Zone Rate Applies, Consult Your Postmaster.

**For Zones 1 and 2—One pound is 8c; 2 lbs., 10c. Add 1c per pound to 10c for each additional pound weight or fractional pound of the package. Thus 7 pounds will be 10c plus 5 additional pounds at 1c per pound, or 15c.**

**Zone 3—One pound is 9c. For each additional pound add 2c.**

**Zone 4—One pound is 10c. For each additional pound add 3.5c.**

**Zone 5—One pound is 11c. For each additional pound add 5.3c.**

**Zone 6—One pound is 12c. For each additional pound add 7c.**

**Zone 7—One pound is 14c. For each additional pound add 9c.**

**Zone 8—One pound is 15c. For each additional pound add 11c.**

This zone rate covers all Alaska parcels. No Alaska parcel may be longer than 18 inches.



**All  
Flower  
Seed  
Postpaid**

Something  
Extra of Our  
Own Selection  
Will Be  
Included with  
Every Order  
for Garden  
or  
Flower Seed  
Over 25 cts.

# Will's Flower Seed

Pompon  
Mixed  
Zinnia

Rosy Morn  
Petunia

Emperor  
Mixed  
Salpiglossis

Dahlia  
Flowered  
Zinnia

Guinea Gold  
Marigold

Sensation  
Mixed Cosmos

Double Blue  
Bachelor Button

Annual  
Mixed  
Larkspur

Little Gem Alyssum

A Suggested  
Planting Arrangement  
for Items in the Collection

Blue Perfection  
Ageratum

Golden Gleam  
Nasturtium

**75c For Cutting WILL'S GLORIOUS FLOWER COLLECTION 75c**

11 Packets of Will's Flower Seeds, One Each of the Following:

Pompon Mixed Zinnia  
Rosy Morn Petunia  
Emperor Mixed Salpiglossis  
Dahlia Flowered Zinnia  
Guinea Gold Marigold

Sensation Mixed Cosmos  
Double Blue Bachelor Button  
Blue Perfection Ageratum  
Annual Mixed Larkspur  
Golden Gleam Nasturtium

Little Gem Alyssum  
With Cultural Directions and Plan for  
Bed Planting.  
THE COLLECTION FOR 75c.

**AGERATUM — Blue Perfection**  
(A). One of the best border and bedding plants, 10 inches tall, quick growing and flowering freely from early summer to frost. Pkt., 5c; ¼ oz., 20c.

**ALYSSUM** (A). One of the finest annuals we have for edging. Compact plants, six inches high, completely covered with bloom throughout the season.

**LITTLE GEM.** Honey scented white blooms. Pkt., 8c; ½ oz., 40c; oz., 70c.

**LILAC QUEEN.** Deep lavender lilac blossoms. Pkt., 8c; ¼ oz., 25c.

## ANTIRRHINUM— SNAPDRAGON

**MAXIMUM GIANT FLOWERED.** (A\*). The best in Snapdragons—Rust resistant. Can be sown outdoors with good results, but for early blooming should be started inside. Splendid for cutting, our mixture is unexcelled. Pkt., 10c; ½ oz., 35c; ¼ oz., 60c.

**ASTERS.** The old favorite China Aster brought up to date. (A\*).



Antirrhinum—Snapdragon

**IMPROVED CREGO—WILT RESISTANT.** A beautiful mid-season sort, growing 2 feet tall, with large blooms born on long stems. MIXED, CRIMSON, WHITE and AZURE BLUE. Pkt., 10c; ¼ oz., 45c. One packet each of the three straight colors, 25c.

**IMBRICATED POMPON—FINEST MIXED.** Mid-August flowering, upright 12 to 14 inch plants, bearing small round cushioned flowers, excellent for cutting and popular with florists. Pkt., 15c; ¼ oz., 60c.

For Aster Plants, see page 55.

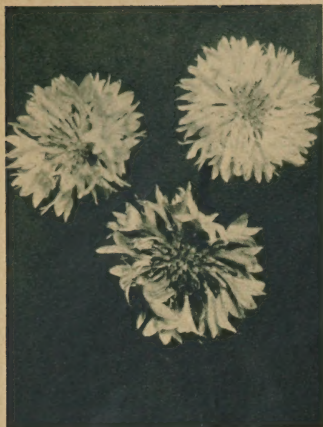
Customers living in North Dakota must add two per cent for sales tax to their remittances for nursery stock, decorative greenhouse stock, insecticides, tools and supplies. This tax does not apply to seeds, feeds, onion plants or vegetable plants.

Mixed Improved Crego Aster

### KEY TO SYMBOLS

- (A) Annuals.
- (B) Biennials.
- (P) Perennials.
- (T) Tender.
- (C) Climbers.
- \* For cutting.





Bachelor's Button

## Bachelor's Button (A\*)

**CORN FLOWER—CENTAUREA CYANUS.** Easy to grow and blooms continuously. One of the most attractive hardy annuals.

**DOUBLE BLUE, RED BOY and SNOW MAN.** Each, Pkt., 10c;  $\frac{1}{4}$  oz., 20c; oz., 60c. Three packets, one of each color, 25c.

**DOUBLE MIXED.** Pkt., 8c;  $\frac{1}{4}$  oz., 15c.



Double Camellia-Flowered Balsam



Calendula—Sunshine

**BALSAM.** Double Camellia Flowered Mixed. (A). An old favorite, the bushy plants develop rapidly and the double flowers clustershows along the main stalk. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

**Rose or Gardenia Flowered.** Also known as Bush Balsam. An attractive dwarf plant—fine in borders. The Roselike blooms cluster at the tops of the stems. Pkt. 10c;  $\frac{1}{4}$  oz., 25c.

**BEANS—SCARLET RUNNER.** (A-C). A rapid growing climber, reaching a height of 10 to 12 feet, and bearing sprays of brilliant scarlet pealike blossoms. Good for snap or green shell Beans and an ideal fence cover. Pkt., 7c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; 1 lb., 60c.

**BOUNCING BET—SAPONARIA OFFICINALIS.** (P). An old, hardy favorite of easy culture, growing 12 to 18 inches high with close phlox-like heads of white or pinkish white blooms throughout most of the summer. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.



Giant Flowering Candytuft

**CALLIOPSIS—MIXED.** (A\*). A graceful, showy, sunshine loving plant, blooming from June to frost. The colors range through yellow to rich brown. Pkt., 5c;  $\frac{1}{4}$  oz., 15c.

**CAMPANULA—CANTERBURY BELLS—Annual Finest Mixed.** (A). With this new annual type started indoors in early spring, we can enjoy the glory of these dainty bell like blooms the same summer. Pkt., 10c;  $\frac{1}{4}$  oz., 45c.

## CALENDULA

**POT or SCOTCH MARIGOLD.** (A\*). Growing anywhere and blooming from early summer until frost, this is one of the most honest and satisfactory flowers we have.

**Orange King.** A deep orange and very double. Pkt., 5c;  $\frac{1}{4}$  oz., 15c.

**Sunshine or Chrysanth.** A newer type of Calendula, long stemmed Chrysanthemum shaped large buttercup yellow flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.



Carnation—Marguerite

## CARNATION

(P\*). These spicily fragrant flowers should be started indoors and while perennials are best sown each year. Plants may be cut back in fall and potted for winter blooming.

**MARGUERITE MIXED.** Very double abundant blooms with good stems. Pkt., 10c;  $\frac{1}{4}$  oz., 55c.

**CHABAUD MIXED.** Upright, robust plants, with extra large flowers. Pkt., 15c;  $\frac{1}{4}$  oz., 55c;  $\frac{1}{4}$  oz., \$1.00.

**CHINESE LANTERN PLANT (Physalis Franchetti)** (P). Produces lantern-like fruits that turn bright orange red when ripe. They should then be cut, the leaves trimmed, and the fruits will retain their color through the winter. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

## CANDYTUFT (A\*)

Easily grown dwarf plants, blooming throughout the summer, fine for edging, beds and borders.

**GIANT WHITE HYACINTH FLOWERED.** Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**GIANT FLOWERING MIXED.** Pkt., 5c;  $\frac{1}{2}$  oz., 15c.

## CELOSIA—COCKSCOMB

(A). A very showy and colorful group, easily grown and readily dried for winter bouquets.

**DWARF CRESTED MIXED (Cristata).** Plants 1 foot tall topped by large ruffled cockscombs. Color range from yellow through red. Pkt., 10c;  $\frac{1}{4}$  oz., 55c.

**OSTRICH PLUMED or FEATHERED MIXED (Plumosa).** 2 to 3 feet plants, with graceful stately plumes resembling ostrich feathers above the foliage. Pkt., 8c;  $\frac{1}{4}$  oz., 30c.

**CHINESE WOOLFLOWER MIXED (Chilidisi).** Plants grow from 2 to 3 feet high with flower heads resembling bright colored loose balls of wool. Pkt., 10c;  $\frac{1}{4}$  oz., 45c.

**CENTUREA IMPERIALIS. GIANT SWEET**

**SULTAN (A\*).** The large, sweet scented, thistle-like blooms are borne on long, strong stems. Our well balanced mixture is fine for cutting. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**CHRYSANTHEMUM — ANNUAL (A\*).** The large, double flowers bloom in late summer. Pkt., 10c.

If you wish any sort of Flower Seed not listed here, ask us about it. If we cannot supply it, we'll try to tell you where it may be obtained.





Dianthus—Chinese Pink.



Double Crested Cosmos.



Sensation Cosmos.

## WILD CUCUMBER

**CYPRESS VINE (A-C).** An attractive climber with dark green feathery foliage and star shaped flowers. Pkt., 5c; ½ oz., 25c.

## DAHLIA

Pkt., 15c.

**DIGITALIS—FOXGLOVE (P).** Easily grown semi-hardy, stately perennial reaching height of from 2



Unwin's Dahlia.

## DIANTHUS

An abundant and brilliant bloomer, averaging 1 foot high, adapted to borders, beds, and rock gardens.

**CHINESE PINK MIXTURE (A\*).** Our double mixture covers the complete color range and includes not only the old standard sorts, but all the newest spotted, striped and fringed varieties. Pkt., 5c; ¼ oz., 20c.

**GRASS or CLOVE PINK MIXTURE (P\*).** Hardy, with grassy foliage and thin wiry stems, our Plumarius mixture includes both single and double blooms of this spicily fragrant and deeply fringed flower favorite. Pkt., 10c; ¼ oz., 30c.

## CLARKIA—DOUBLE MIXED (A\*).

Graceful plants with richly colored double rosette-like flowers almost covering the upright branches. Blooms from July to frost and does well everywhere. Pkt., 10c; ¼ oz., 40c.

**COBEEA SCANDENS—CATHEDRAL BELLS (A-C).** A most handsome and rapid growing climber. The flowers are large and bell shaped. Pkt., 10c; ¼ oz., 30c.

**COLUMBINE — AQUILEGIA — LONG SPURRED MIXTURE (P).** A hardy, graceful, June blooming perennial. 2 feet high. The dainty, long spurred flowers of our mixture range in color from purple through yellows to white. Pkt., 10c; ¼ oz., 75c.

For Columbine Roots, See Page 71.

**COREOPSIS—DOUBLE FLOWERING (P\*).** Vigorous and free blooming with large orange yellow flowers on long graceful stems. Pkt., 15c.

## COSMOS

(A\*). Growing 4 to 5 feet tall, branching freely with feathery foliage and blooming abundantly from late July until frost, Cosmos is especially effective in screens and borders.

**SENSATION MIXED.** Extra Early Giant Flowering with blooms 4 to 5 inches in diameter. Pkt., 10c; ¼ oz., 35c.

**ORANGE FLARE.** Brilliant orange flowers—free blooming. Pkt., 10c; ¼ oz., 25c.

## EARLY MAMMOTH FLOWERING

**SINGLE MIXED.** Blooming early enough to satisfy the wants of flower lovers in this section. Tall plants with huge blooms. Pkt., 5c; ¼ oz., 20c; oz., 55c.

**EARLY FLOWERING DOUBLE CRESTED MIXED.** Sometimes called Anemone flowered, this is one of the finest Cosmos for cutting. About 65% of the blooms are double. Pkt., 15c; ¼ oz., 85c.



Clarkia—Double Mixed.



Single Early Cosmos.



## DAISIES

**SHASTA DAISY—Alaska (P\*).** Can be grown out of doors anywhere with light winter protection. The flowers are large with glistening white petals and small golden centers. Pkt., 10c; ¼ oz., 60c.

**PAINTED DAISY—Pyrethrum Rosea — Single Mixed (P\*).** This hardy Persian Daisy is 2 feet tall with fernlike foliage. It is easily grown, blooms in May and June and is a splendid cut flower. Pkt., 15c; ¼ oz., 70c; ¼ oz., \$1.20.

For Shasta and Painted Daisy Roots, See Page 71.

**AFRICAN DAISY — Dimorphotheca Aurantiaca Hybrids (A\*).** An easily grown, beautiful and extremely showy annual from South Africa. Plants grow 1 foot high and enjoy a sunny location. This is one of the loveliest of flowers. Pkt., 10c; ¼ oz., 35c.



African Daisy.



## FOUR O'CLOCK



Four O'clock

and finest strains. Pkt., 10c.

**FORGET-ME-NOT (P).** Best treated as an annual in this section, although it often winters with some protection. The dainty, clear blue flowers flourish in partial shade. Pkt., 10c.



Pioneer  
Double  
Hollyhock

(AC). A valuable class of annual climbers. If allowed to ripen on the vines, the gourds can be kept for months as unique ornaments. Directions for keeping Gourds with each purchase.

**SMALL FRUITED MIXED.** All shapes, colors and markings. Pkt., 8c; oz., 25c.

**LARGE FRUITED MIXED.** Pkt., 8c; oz., 25c.

**GYPSOPHILA.** Thrive almost anywhere and give a charming misty effect in bouquet or border with their many tiny blossoms.

**ELEGANS GRANDIFLORA ALBA—Angel's Breath (A\*).** Pure white, large flowered. Pkt., 5c; ¼ oz., 15c.

**PANICULATA—Baby's Breath (P\*).** Fine white flowers in June and July. May be dried for winter bouquets. Pkt., 10c; ¼ oz., 25c.

**HELICHRYSUM—DOUBLE STRAWFLOWER or EVERLASTING (A\*).** The finest and most widely grown of all Everlastings. Ornamental when growing with its wide range of color and much prized for winter bouquets. Pkt., 8c; ¼ oz., 20c.

**HELIOTROPE—Mixed (TA).** Fragrant, beautiful and long blooming it is easily grown and fine for either bedding or pot plant. Pkt., 10c; ¼ oz., 60c.

## HOLLYHOCK

Among shrubs, as screen or background, the tall and stately Hollyhock has its place in every garden.

**PIONEER—Double Mixed (P).** This will not bloom the first year unless planted indoors by March. Our mixture comprises all shades. Pkt., 10c; ¼ oz., 50c.

**BISMARCK—Single Mixture (P).** The single sorts are slightly harder and more vigorous than the doubles. Our mixture is equal to any. Pkt., 5c; ¼ oz., 20c.

**ANNUAL—INDIAN SPRING.** (1939 All American Silver Medal Winner.) If planted early in spring will bloom the same year. The blooms are large, fringed and semi-double, in pink and rose shades. Pkt., 10c; ¼ oz., 45c.

For Hollyhock Roots See Page 71.

**ICE PLANT—Mesembryanthemum Crystallinum (A).** A trailing plant with singular icy foliage. Especially useful in rock garden. Pkt., 5c.



Delphinium  
Gold Medal Mixture

## LARKSPUR ANNUAL GIANT IMPERIAL MIXED (A\*).

The long spikes of gay double blooms and finely cut feathery foliage make Larkspur one of our most valuable garden flowers. Pkt., 10c; ¼ oz., 25c.

**DELPHINIUM—PERENNIAL LARKSPUR (P\*)**

## MORDEN HYBRIDS

A treat for flower lovers. Colors range from pale blue to darkest purple. The spikes are long and the blooms exceptionally large and fine. Developed at the Dominion Experiment Station, Morden, Manitoba, Canada. Pkt. 25c; 2 pkts., 40c.

**GOLD MEDAL MIXTURE.** This beautiful and stately perennial is much used for backgrounds and cutting. Pkt., 10c; ¼ oz., 50c.

**NEW ZEALAND DWARF.** A profuse bloomer, growing 18 inches high. The flowers are dark blue. Pkt., 10c; ¼ oz., 50c.

For Perennial Larkspur Roots, See Page 17.

## LAVATERA-MALLOW

**ROSEA SPLENDENS—SWISS ROSE (A\*).** An annual Mallow with very large, bright, rose flowers, showy and effective for border and cutting. Pkt., 10c; ¼ oz., 20c.

**PERENNIAL SIBERIAN (P.)** A beautiful, giant, hardy pink Mallow brought from Siberia by Professor N. E. Hansen. Pkt. 10c.

## LINUM-FLAX

**SCARLET FLAX—GRANDIFLORUM RUBRUM (A).** Brilliant crimson flowers. For continuous bloom make successive plantings. Pkt., 5c; ¼ oz., 20c.

**PERENNIAL BLUE (P).** Native to North Dakota and one of the most graceful, free flowering and dainty perennials we know. Pkt., 5c; ¼ oz., 20c.

**LOBELIA—CRYSTAL PALACE COMPACTA (A).** The 8 inch plants are fairly covered with dainty deep blue flowers. Fine for edgings, beddings and pot culture. Pkt., 10c; ¼ oz., 70c.

## GOURDS



Small Fruited Gourds



Helichrysum



Annual Larkspur



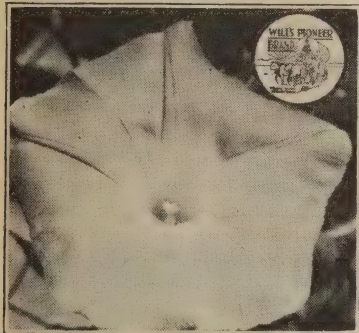


Gigantea Sunset Hybrids

**HEAVENLY BLUE**

—Clark's Early Strain. The finest of all morning glories, the blooms are true blue with white throats and from 3 to 4 inches across. Pkt., 15c; ¼ oz., 40c; oz., 95c.

**ALLEN'S EARLY.** Starts to bloom almost as soon as it comes up. A variety of handsome colors. Flowers small but very lovely. Pkt., 15c.



Heavenly Blue Morning Glory.

**CRIMSON RAMBLER.** The bright ruby red flowers are slightly smaller than those of the Heavenly Blue, but this is a very vigorous bloomer and rapid climber. Pkt., 15c; ¼ oz., 25c; oz., 65c.

**PEARLY GATES.** (All American Silver Medal 1941.) Large flowered, free blooming, pure white. Plant this with Crimson Rambler and Heavenly Blue for Red, White and Blue effect. Pkt., 20c; ¼ oz., \$1.20.

**IMPERIAL MIXED—Ipomea Imperialis.** The large flowers range from white to dark purple in unusual colors. The foliage is very attractive in its variations. Pkt., 5c; oz., 20c; ¼ lb., 75c.

**FINEST MIXED—Convolvulus Major.** A good mixture of the old fashioned yet ever popular climber. Pkt., 5c; oz., 15c; ¼ lb., 40c.

**NASTURTIUMS (A\*)**

For border, bed, window box and bouquet. One of our most easily grown and popular flowering plants. Blooms early and throughout a long season in wide color range.

**GOLDEN GLEAM—DOUBLE SWEET SCENTED.**

This most satisfactory double Nasturtium continues to gain in popularity. The fragrant, golden yellow blooms are borne well above the foliage on strong bushy plants. Pkt., 10c; oz., 20c; ¼ lb., 55c.

**DWARF DOUBLE GEM MIXED.**

The plants are dwarf and compact. While some single blooms may be expected, the great majority will be large, double or semi-double, sweet scented, in well balanced color mixture. Pkt., 10c; oz., 25c; ¼ lb., 65c.

**WILL'S PIONEER BRAND DWARF SINGLE MIXED.**

Will's Royal Show Pansies

**MARIGOLD (A\*)**

A wealth of colorful decorative blossoms from midsummer to frost. Lovely for cutting.

**GIGANTEA SUNSET HYBRIDS.** The largest Marigold yet developed, its delicately sweet scented flowers average 5 inches in diameter. The plants are from 3½ to 4 feet tall. Though a small percentage of single flowers may be expected, the size and beauty of the blooms will repay the planter. Pkt., 15c; ¼ oz., 90c.

**GUINEA GOLD.** The large, double, carnation like blooms are a brilliant golden orange. This is deservedly one of the most popular Marigolds. Pkt., 10c; ¼ oz., 35c.

**TALL AFRICAN DOUBLE MIXED.** The plants are 2½ feet high and the very large globular flowers have tubular or quilled petals. Our mixture ranges in color from light lemon to deep orange. Pkt., 5c; ¼ oz., 30c.

**DWARF FRENCH DOUBLE — MONARCH MIXED.** The symmetrically rounded plants grow about 1 foot high, and the double blooms are borne freely. This sort is fine for bedding and edging as well as for cutting. Pkt., 8c; ¼ oz., 30c.



Tall African Marigold.

**MORNING GLORY (A-C)**

Quick growing, free flowering climbers.



Nasturtium—Golden Gleam.

The best obtainable mixture of desirable colors. Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 75c; 1 lb., \$1.30.

**WILL'S SUPERB TALL SINGLE MIXED.** Plants from our mixture will grow 5 to 6 feet high, with showy blooms of the most brilliant shades. Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 75c; 1 lb., \$1.30.

**MIGNONETTE MACHET (A\*).** A modest, fragrant plant, growing 1 foot high, with compact spikes of bloom. Pkt., 10c; ¼ oz., 15c.

**NICOTIANA—AFFINIS HYBRIDS (A).** Plants 2 to 3 feet high bear star-shaped blossoms which are delightfully fragrant, especially at evening. Pkt., 10c; ¼ oz., 25c.

**NIGELLA—LOVE-IN-A-MIST-NIGELLA (A\*).** A favorite, compact growing plant in whose fine feathery foliage nestle lovely double cornflower-blue blooms. Pkt., 10c; ¼ oz., 20c.

**WILL'S PANSIES****WILL'S ROYAL SHOW**

(P\*). The best mixture we can supply. The blooms are all that can be desired in color, size and form. Pkt., 20c; 2 pkts., 35c; ¼ oz., \$1.00.

**WILL'S PREMIUM MIXTURE.** While not to be compared with the Royal Show, this mixture has large blooms in complete color range and will please everyone who enjoys Pansies. Pkt., 10c; ¼ oz., \$2.50.

For Pansy Plants, See Page 55

**PENTSTEMON GRANDIFLORA—BEARD TONGUE (P\*).** One of our most beautiful native perennial flowers and absolutely hardy. The plant grows 2 feet high, blooming in early July with long spikes of lavender, bell shaped blossoms. Pkt., 5c; ¼ oz., 20c.

**PRIMROSE or PRIMROSE MALACOIDES (TA).** Sown in April will make plants for fall and winter blooming indoors. Pkt., 15c.

**RICINUS—CASTOR BEAN (TA).** Tall stately plant with ornamental foliage and brilliant colored fruit. Pkt., 10c; oz., 20c; ¼ lb., 45c.





Phlox Drummondii.

**PHLOX DRUMMONDII**  
**MIXED (A\*).** Easily grown, brilliant and fresh in color, Phlox is one of the most satisfactory annuals. Flowers from our mixture are distinct and vivid in splendid variety of tone. **Pkt., 15c; 1/8 oz., 75c; 1/4 oz., \$1.20.**

**PHLOX GIANT FLOWERED-GIGANTEA**  
**ART SHADES (A\*).** The individual flowers are from 1 1/4 to 1 1/2 inches in diameter in lovely, soft, pastel shades. **Pkt., 20c; 1/8 oz., 80c; 1/4 oz., \$1.40.**

## PETUNIAS (A\*)

Enjoy sunshine, bloom profusely within 2 months from seed and are fine for bedding, porch or window box, border and pot.

### ALL DOUBLE GIANT FRINGED MIXED.

The best Double Petunia seed obtainable. Practically all of the dwarf, stocky plants will have double fringed blooms. **Pkt., containing about 120 seeds, 40c; 2 pkts., 70c.**

### SPECIAL SINGLE MIX-TURE

**HYBRIDA GRANDIFLORA.** Plants grow 2 feet tall. Flowers are not overly large, but are borne profusely and their wonderful colorings and markings make a brilliant show in bed or border. **Pkt., 10c; 1/4 oz., 55c.**

### RUFFLED MONSTER MIX-TURE.

Very large, single, ruffled flowers, richly marked and veined. About 300 seeds to the packet. **Pkt., 25c.**

**BALCONY TYPE MIXED.** Single, large flowering and free blooming, trailing in habit and especially suited to bed and window boxes. **Pkt., 15c.**

**ROSY MORN.** A dwarf Petunia, dainty and effective for borders and window boxes. In color a soft carmine pink with white throat. **Pkt., 10c; 1/4 oz., \$1.10.**

For Petunia Plants See Page 55.



All Double Giant Petunias.

## POPPIES (A)

Brilliant flowers produced freely in a riot of color.

**CALIFORNIA or ESCHOLTZIA-BRILLIANT MIXED.** These brilliant flowers are produced on low spreading plants with silvery cut foliage. For bouquets, cut when buds first show color. **Pkt., 10c; 1/4 oz., 15c.**

**AMERICAN LEGION.** An improved Flanders Poppy, its color is a dazzling scarlet. **Pkt., 10c; 1/4 oz., 20c.**

**DOUBLE SHIRLEY MIXED.** Large, graceful silky flowers. **Pkt., 10c; 1/4 oz., 20c.**

**TULIP POPPY-BUSH ESCHOLTZIA-HUNNEMANNIA—Sunlite. (A\*.)** Gorgeous, semi-double, canary yellow blooms. The foliage is light gray green. **Pkt., 15c; 1/4 oz., 40c.**

**ARGEMONE or PRICKLY POPPY. (B).** One of the most showy of extra hardy biennials. Flowers dazzling white with golden center, 3 inches across. **Pkt., 10c; 1/4 oz., 35c.**

**BLUE MAW.** This seed is used for cooking only and has been so treated that it will not germinate. **1/4 lb., 30c; 1 lb., 95c, postpaid.**

**ORIENTAL MIXED (P).** Unrivalled for gorgeous effectiveness in perennial borders, the flowers are immense, frequently six inches across. **Pkt., 10c; 1/4 oz., 75c.**

**ICELAND MIXED (P\*).** The large, gaily colored, cup-shaped flowers bloom on graceful, wiry stems. If sown early, will bloom first year from seed. **Pkt., 10c; 1/4 oz., 70c.**

## PORTULACA—Rose Moss (A)

**Hardy, Sun Loving, Profuse Bloomer.** Blooms early and until frost, thriving and producing a brilliant display where almost any other plant would die. Fine for beds, borders and ground cover. We recommend it for cemetery planting.

**DOUBLE MIXED.**

A small percentage of singles is to be expected. **Pkt., 15c; 1/8 oz., 75c; 1/4 oz., 95c; oz., \$4.00.**

**SINGLE MIXED.**

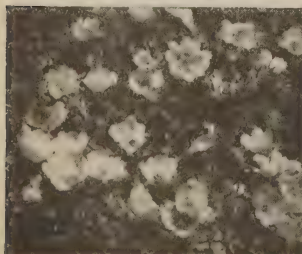
**Pkt., 10c; 1/4 oz., 55c; oz., \$1.75.**



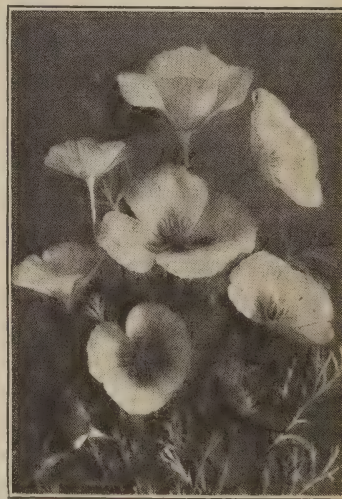
Double Shirley Poppy.



Double Portulaca.



Single Portulaca.



California Poppy—Escholtzia.





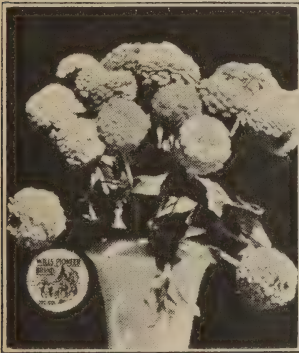
**Dwarf  
Ten Weeks Stocks**



**VERBENA**

**Hybrida—Mammoth Choice  
Mixed (A\*)**

A very popular dwarf plant of many uses, bearing clusters of brilliant star shaped flowers through a long season. Pkt., 10c; ¼ oz., 50c.



**Double Lilliput Zinnia**

much that is offered. Pkt., 10c; ¼ oz., 30c; oz., 90c.

**THE FOLLOWING DAHLIA FLOWERED ZINNIAS IN SEPARATE COLORS.** Pkt., 10c; ¼ oz., 35c; oz., \$1.00. **CRIMSON MONARCH.** Deep Crimson. **GOLDEN DAWN.** Rich Golden Yellow. **LUMINOSA.** Deep Pink.

**INDIAN SUMMER MIXTURE.** A highly satisfactory blend of the Largest Flowering types in bright warm colors, without a trace of harshness. Pkt., 10c; ¼ oz., 30c; oz., 90c.

**CALIFORNIA GIANTS—Mixed.** The blooms are not as deep as those of the Dahlia flowered type, but fully as large, and the longer stems make this sort more desirable for cutting. Pkt., 10c; ¼ oz., 35c; oz. \$1.00.

**FANTASY—Mixed.** A medium sized Zinnia with shaggy petals, curved and quilled, graceful and delicate. The color mixture is complete. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

## **SALPIGLOSSIS —VELVET FLOWER or PAINTED TONGUE—Large Flowering Mixed (A\*).**

Easily grown annual, 2 to 2½ feet tall, and one of our favorite flowers. The velvety blooms are large, trumpet shaped, and of richest colors, from creamy white to deep purple, all veined with gold. Pkt., 10c; ¼ oz., 35c.

**SALVIA—CLARA BEDMAN or EARLY BONFIRE (TA\*).** Its erect spikes of brilliant scarlet flowers make this one of the handsomest of Salvias. Pkt., 20c; ¼ oz., \$1.50.

**SCABIOSA—Tall, Large Flowered Double Mixed (A\*).** Also known as Mourning Bride or Pin Cushion Plant. The showy, double blooms are borne on long strong stems and soft colors predominate. Pkt., 10c; ¼ oz., 20c.

**SNOW-ON-THE-MOUNTAIN—Euphorbia Variegata (A).** A bushy plant of colorful foliage, much used in borders and backgrounds. The broad green leaves are heavily margined with silvery white. Pkt., 10c; oz., 30c.

**STOCK—GILIFLOWER—Double Dwarf, Ten Weeks (A\*).** The large, profuse spikes of rosette like blooms are of beautiful coloring and rich fragrance. A small percentage of singles may be expected, but our early mixture is as true to type as can be obtained. Pkt., 10c; ¼ oz., 50c.

**STOCK EVENING SCENTED—Mathiola Bicornis.** Small purplish flowers giving off delightful perfume morning and evening. Pkt., 10c; ¼ oz., 20c.

**SUNFLOWER—Helianthus—Double Chrysanthemum Flowered (A).** The plants are 7 feet tall. The double, golden yellow flowers are 6 to 8 inches across with fringed petals. Pkt., 5c; oz., 35c.



**Salpiglossis  
or Velvet Flower**



**SWEET WILLIAM**

**Dianthus Barbatus—Double and Single Mixed (P\*).** An old garden favorite, 1½ to 2 feet high, blooming early with handsome broad clusters of little pinks. With some care plants will last many years, although they may be easily raised from seed each season. Pkt., 10c; ¼ oz., 35c.

# **ZINNIAS**

**THE FLOWER FOR GREAT PLAINS GARDENS. FLOURISHES IN HEAT AND WITH LITTLE CARE—PRACTICALLY FREE FROM PLANT DISEASES—WITH LONG SEASON OF BLOOM. SHOWY, BRIGHT AND FREE FLOWERING—FINE FOR CUTTING AND EVERY GARDEN USE.**

**DOUBLE LILLIPUT or POMPON—Mixed.**

The plants are from 12 to 18 inches high, blooming profusely in 45 days from seed.

The flowers are very double, 1 to 1½ inches in diameter, and the colors bright and well varied. Pkt., 10c; ¼ oz., 25c; 1 oz., 75c.

**SCABIOUS FLOWERED MIXTURE.** An oddly attractive bloom resembling the annual Scabiosa. The plants are 2 to 2½ feet high and the flowers are medium sized with rich color range. Pkt., 15c; ¼ oz., 50c; oz., \$1.60.

## **DAHLIA FLOWERED**

Best for general garden use, 2½ to 3 feet tall. The blooms average 4½ to 5 inches across.

## **GOLD MEDAL MIXTURE**

Grown in separate colors and then mixed, this is vastly superior to



**Dahlia Flowered Zinnia, Gold Medal Mixture**



**Zinnia-Fantasy**



# Will's Sweet Peas



Early Flowering Spencer Sweet Peas

## SWEET PEA COLLECTION

One regular packet of each of the fifteen best varieties listed below (will sow 90 feet of row) together with a GARDEN SIZE PACKAGE OF NITRAGIN to treat the seed for best results,

**\$1.05**

The following varieties of Sweet Peas are priced at: Pkt., 10c; oz., 25c; ¼ lb., 90c. Any three packets, 25c.

## SUMMER FLOWERING SPENCERS

AMETHYST. Clear Medium Blue.	KING LAVENDER. Lavender.
BRIDAL VEIL. White.	MASTER CREAM. Deep Cream.
DISCOVERY. Chamolais Pink.	OLYMPIA. Purple.
ECSTASY. Light Pink.	PEER. Orange Pink.
FLAGSHIP. Navy Blue.	STYLIST. Clear Rose Pink.
FLORADALE. Salmon Pink on Cream.	WELCOME. Brilliant Scarlet.

## EARLY FLOWERING SPENCERS

AMERICAN BEAUTY. Deep Crimson.  
DAPHNE. Soft Salmon Pink on Cream.  
STAR. Sparkling Rose Pink.

The above fifteen varieties of Sweet Peas are priced: Pkt., 10c; oz., 25c; ¼ lb., 90c. Any three packets, 25c. One packet of each of the fifteen sorts, together with a Garden Size Package of Nitratin, \$1.05.

## Choice Mixed Sweet Peas

### EARLY FLOWERING SPENCER MIXTURE.

These come into bloom three weeks before the standard Spencer varieties, but with the same long stems and large, waved flowers. They have replaced the standard Spencers in greenhouse planting, and, though they do not grow quite as tall nor branch as much, their earliness and long season of bloom make them invaluable for outdoor planting, particularly in the short seasoned north. Pkt., 10c; oz., 25c; ¼ lb., 85c; ½ lb., \$1.50; 1 lb., \$2.80.

### GIANT RUFFLED SPENCER MIXTURE.

Sweet Peas with gigantic blooms so ruffled and frilled that they appear almost double. Pkt., 10c; oz., 30c; ¼ lb., 90c; ½ lb., \$1.65; 1 lb., \$3.00, postpaid.

The latest advance in

### WILL'S IMPERIAL MIXED SWEET PEAS.

A mixture in proper proportions of the large waved standard Spencer sorts with every Sweet Pea color represented in every possible combination. Pkt., 5c; oz., 15c; ¼ lb., 50c; ½ lb., 90c; 1 lb., \$1.50.

A mixture in proper

### HEAT RESISTANT MIXTURE.

A new and very vigorous, free flowering blend particularly adapted to our conditions. You will find this mixture satisfactory in every way. Pkt., 10c; oz., 30c; ¼ lb., 90c; ½ lb., \$1.65; 1 lb., \$3.00.

SIBERIAN PERENNIAL SWEET PEAS (P). The vines are about 5 feet high, absolutely hardy and bloom all summer if blossoms are kept picked. Pkt., 10c.



## Treat Sweet Peas with NITRAGIN

Garden Size 10c, Postpaid  
Will Treat Up to 6 Pounds of Peas,  
Beans, and Sweet Peas.



Will's Imperial Mixed Sweet Peas

Last year with your sweet peas Mrs. Shepherd took second prize at the Northern Montana State Fair and First prize at the Great Falls Flower Growers Club Show.—F. L. Shepherd, 1105 9th Ave., So., Great Falls, Mont.



# Will's Pioneer Brand Vegetable Seeds

→  
THIS  
IS  
→



*Plant a* **GARDEN** *for* **VICTORY**

**HEALTH and ECONOMY**

SEE  
WILL'S  
VICTORY  
GARDEN  
COLLECTION  
ON  
BACK  
COVER  
**\$1.35**

Postpaid

Will's Pioneer Brand. It stands for earliness and hardiness. Behind it are sixty-one years of experience.

Will's Hardy Garden Seeds—Selected for the Northwest—do well everywhere.

## WILL'S PIONEER INDIAN COLLECTION

5 Packets for 20c

Five packets of the same vegetable varieties that were grown by the Indians long before they ever saw or heard of a white man. One packet each of:

Arikara Squash  
Arikara Beans  
Omaha Pumpkin  
Nuetta Sweet Corn  
Hidatsa Beans  
**FIVE PACKETS FOR 20 CENTS**

## WILL'S LEADER COLLECTION

15 PACKETS

One Each of Our 15 Most Popular Varieties

Will's Improved Beet	Montana White Portugal
Copenhagen Market Cabbage	Onion
Danvers Half Long Carrot	Guernsey Parsnip
Danish Perfection	Harris Early Giant Pepper
Cauliflower	Will's Early Carmine
Early Fortune Cucumber	Radish
Early Curled Simpson	Will's Improved Purple
Lettuce	Top Yellow Rutabaga
Chipman Strain Lake	Banquet Squash
Champlain Muskmelon	Victor Tomato
	Will's Sugar Watermelon

**15 PACKETS for 70c**

Garden Seed Prices are postpaid to any address in the United States unless otherwise stated. Prices are subject to change without notice.



First Prize Exhibit  
Matanuska Valley Fair  
by Wm. Casler, Palmer, Alaska  
Grown from Will's Seeds

# ORDER EARLY

**A GOOD GARDEN IS THE MOST PROFITABLE PIECE OF GROUND ON A FARM**

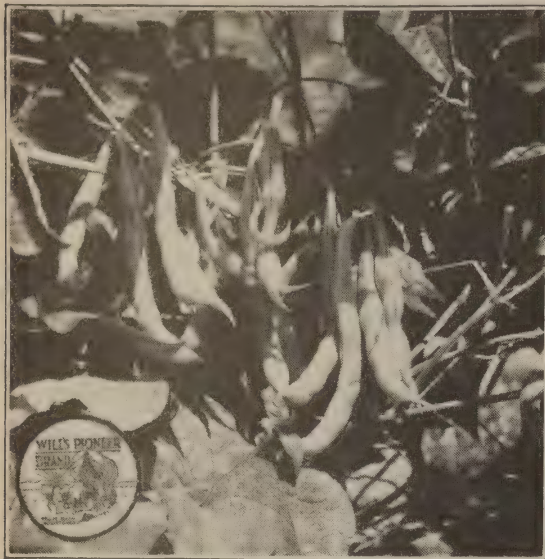
## PLANTING TABLE FOR VEGETABLES

For the Farm Garden we recommend that all rows be equal distances apart and that that distance be the same as that of the cultivated field crops of the farm.

Ft. of Row for Five Persons	Kind of Vegetable	Dist. Apart of Plants in Rows (Inches)	Least Dist. Between Rows (Inches)	Seed for 100 Feet of Row	Ft. of Row for Five Persons	Kind of Vegetable	Dist. Apart of Plants in Rows (Inches)	Least Dist. Between Rows (Inches)	Seed for 100 Feet of Row
200	*Beans—				300	Onions.....	4-6....	14.....	½ oz.
	Dwarf, Snap	2-5....	20.....	¾ lb.	200	Onions, from sets.....	2-3....	16.....	3 pts. sets.
100	Beans—				50	Parsnip.....	3-5....	18.....	½ oz.
	Dwarf, Lima	6.....	20.....	1 lb.	300	*Peas.....	¾-1½	30.....	1 lb.
150	*Beets.....	2-4....	18.....	1½ oz.	25	Peppers.....	16.....	24.....	60 plants.
200	Cabbage.....	16-24..	24.....	50-75 plants.	800	Potatoes, Early.....	14-18..	30.....	½ peck.
50	Cauliflower.....	16-24..	24.....	50-75 plants.	150	*Radish.....	1-2....	16.....	1 oz.
50	*Carrot.....	2.....	18.....	½ oz.	200	*Spinach.....	1-3....	18.....	1 oz.
50	Celery.....	4-8....	18.....	200 plants.	25	Squash, Summer.....	Hills 42	42.....	½ oz.
500	*Corn, Sweet.....	16-36..	30.....	2 oz.	100	Tomato.....	30.....	36.....	40 plants.
100	Cucumber.....	48.....	Hills 48..	½ oz.	800	*Turnip.....	2-4....	18.....	½ oz.
25	Eggplant.....	20-30..	24.....	50 plants.					
50	*Lettuce.....	4-8....	Beds 6....	½ oz.					
150	Muskmelon.....	Hills 72	72.....	½ oz.					

These vegetables marked \* should not all be planted at one time, but apart at intervals of 2 or 3 weeks to secure a continuous supply.





Green Pod Stringless.

## WILL'S BEANS

*Belong in Every Garden*

**CULTURE:** Beans should not be planted until the ground is warm, as cold and wet weather will cause the seed to rot. For garden culture plant four or five seeds in hills one foot apart, and the rows 18 inches apart. For field culture make the rows three or three and one-half feet apart, and cover with two inches mellow soil. Do not hoe or cultivate while the plants are wet with dew or rain, as getting the leaves bespattered with earth causes rust, which injures the crop. One pound of beans is a little more than one pint.

### DWARF GREEN PODDED BEANS

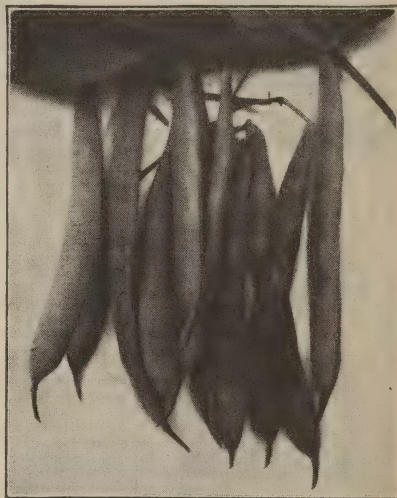


See Page 60

**BOUNTIFUL.** A favorite throughout the Northwest for its earliness, hardness and productivity. The best flat podded green Bean. The light green pods average 6 to 7 inches in length and are stringless, thick, flat, slightly fibrous, and of excellent quality. Its hardness and yield under adverse conditions are its best qualities. Pkt., 5c; ¼ lb., 13c; ½ lb., 22c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.10.

**GREEN POD STRINGLESS.** This most widely grown of all the green podded sorts is very early and of best quality. The dark green pods are round, straight, thick, meaty, strictly stringless and brittle. Pkt., 5c; ¼ lb., 13c; ½ lb., 22c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.10.

**TENDERGREEN.** The dark green pods are fine textured, fleshy, brittle, tender and stringless. The compact vines are vigorous and heavily productive. The best round podded dwarf green Bean. Pkt., 5c; ¼ lb., 13c; ½ lb., 22c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.10.

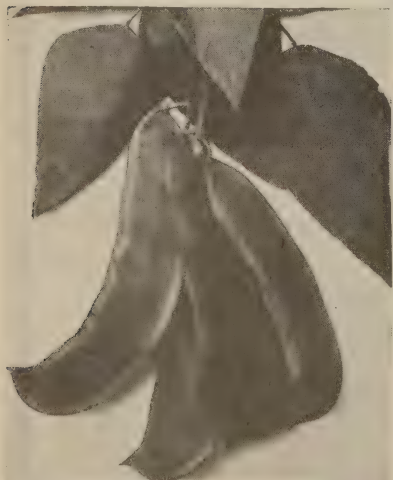


Bountiful.

### SHELL or SNAP BEANS

**DWARF HORTICULTURAL or CRANBERRY.** The old fashioned New England snap and shell Bean, and you haven't tasted succotash until you have tried building it around this Bean. The pods are about 5 inches long, flat, almost stringless, greenish-yellow splashed with carmine. The seeds are deep buff, streaked with dark red. Pkt., 5c; ¼ lb., 13c; ½ lb., 22c; 1 lb., 38c, postpaid. Not prepaid, 5 lbs., \$1.18; 10 lbs., \$2.15.

**ENGLISH BROAD WINDSOR.** The broad bean is one of the common household vegetables in Great Britain and on the Continent of Europe, and is very much esteemed there. This is the heaviest cropping broad bean. Delicious either cooked fresh or as a Winter shell bean. Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 41c, postpaid. Not prepaid, 5 lbs., \$1.35; 10 lbs., \$2.50.



Fordhook Bush Lima.

### LIMA BEANS

**FORDHOOK BUSH LIMA.** The best large podded Dwarf Lima. Pods of good length and contain from 4 to 5 large, thick, white beans. A wonderful producer and of excellent quality. Pkt., 10c; ¼ lb., 15c; ½ lb., 27c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$2.90.

**JACKSON WONDER BUSH LIMA.** This small seeded, calico colored Bush Lima is as early and dependable as any Lima Bean we have ever had in our trials. Pkt., 5c; ¼ lb., 14c; ½ lb., 23c; 1 lb., 39c, postpaid. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.30.

**HOPI LIMA.** A very early and hardy vining sort with small, white, fine flavored Beans. It is as early as Jackson Wonder and very productive. Pkt., 5c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.30.



## DWARF WAX PODDED BEANS



Improved Golden Wax.

**WEBBER WAX or EARLY WONDER.** (Also known as Cracker Jack.) The earliest wax Bean, prolific and drouth resistant. The waxy yellow pods are from 5 to 6 inches long, flat, meaty, brittle, nearly stringless and of good quality. Pkt., 5c; ¼ lb., 13c; ½ lb., 22c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.10.



Sure Crop Stringless Wax.

### SURE CROP STRINGLESS or Bountiful Wax

The best flat wax bean. A heavy yielding, disease resistant, and delicious Wax Bean. The long, golden pods are thick-flat, meaty, brittle, strictly stringless, and of fine texture and quality. Pkt., 5c; ¼ lb., 13c; ½ lb., 22c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.10.

### IMPROVED GOLDEN WAX— Top Notch Strain

This is the very finest selected strain of Golden Wax bean, and has for years been our most popular sort. It seems to be especially suited to Northwestern climatic conditions. Pods are large, fleshy, and entirely stringless. Color is a bright golden. A very early sort, and highly rust resistant. Pkt., 5c; ¼ lb., 13c; ½ lb., 22c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.10.

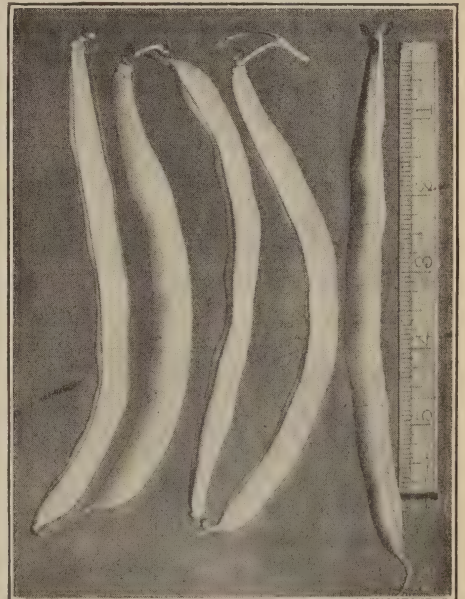
**SIoux STRINGLESS WAX.** A fine, round podded wax Bean, rich cream yellow, straight, crisp and stringless at all stages. Equal to Pencil Pod Black Wax in quality with straighter pods, lighter colored seed and heavier yield. Pkt., 5c; ¼ lb., 12c; ½ lb., 22c; 1 lb., 38c, postpaid. Not prepaid, 5 lbs., \$1.18; 10 lbs., \$2.15.

**PENCIL POD BLACK WAX** Very desirable for home and market garden, hardy, productive and of finest quality. Probably the finest Round Podded Wax Bean. The round golden yellow pods are fleshy, brittle, stringless and very tender. Pkt., 5c; ¼ lb., 13c; ½ lb., 22c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.10.

**NEW KIDNEY WAX.** A productive and high quality mid-season variety, stringless, fiberless, very fleshy and brittle. The flat pods average 6½ inches long and are an attractive, clear yellow in color. Pkt., 5c; ¼ lb., 13c; ½ lb., 22c; 1 lb., 38c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.20.



For Better Yields Treat Beans and Peas with Nitragin. A 10c Package Will Treat Up to 6 lbs. of Seed.

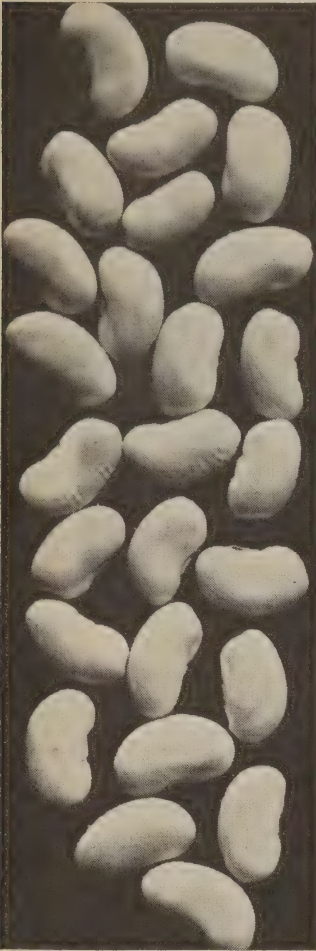


Pencil Pod Black Wax.

Pole Beans, Edible Soy Beans and Field Beans on Next Page.

Have been using your seeds for 32 years and my parents used them before that and always have had good luck even in poor seasons.—Mrs. Virgil Hayward, Shevlin, Minn.





Great Northern Beans  
(Natural Size).

## POLE BEANS

**KENTUCKY WONDER WAX.** The best pole wax bean for northern planting. The light yellow pods are 8 to 9 inches long, thick, very fleshy and brittle. This is one of the earliest of the pole sorts. Pkt., 5c;  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 24c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.30; 10 lbs., \$2.40.

**KENTUCKY WONDER or OLD HOMESTEAD.** The most popular green-podded climbing bean. The pods are 8 to 9 inches long, fleshy, curved, tender and of good quality. The old reliable. Pkt., 5c;  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 23c; 1 lb., 39c, postpaid. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.30.

## EDIBLE SOY BEANS

**AGATE.** An extra early sort, developed by the United States Department of Agriculture. Soy Beans have twice the protein and twelve times the fat of Navy Beans, with low starch content. An excellent source of Vitamins A, B, and G, they are eaten either dry or green. Pkt., 10c;  $\frac{1}{4}$  lb., 18c;  $\frac{1}{2}$  lb., 31c; 1 lb., 55c, postpaid.

**STANDARD EARLY.** Until the introduction of such Edible Soys as Agate and Sioux, these were regarded as the earliest. Pkt., 7c;  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 24c; 1 lb., 40c, postpaid.

## FIELD BEANS

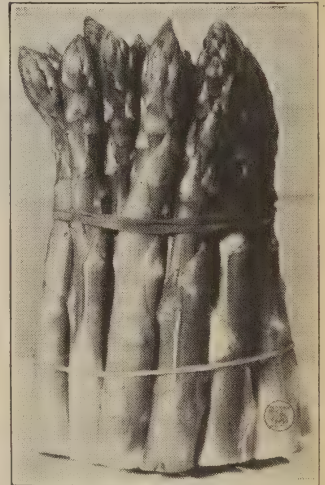
### GREAT NORTHERN—The Best Baking Bean

Every one knows the Great Northern Beans, but few know that the seed was originally obtained over fifty years ago by Oscar H. Will from Son of a Star, an Hidatsa Indian, by whose tribe it had been grown for many years. **Hardy, a heavy yielder and early,** it is much more tender and more quickly cooked than the Navy Bean, and one of the most largely grown field Beans.

**GREAT NORTHERN—IDAHO U. NO. 56.** A great improvement over the standard Great Northern in earliness, yield and uniformity of seed.  $\frac{1}{4}$  lb., 11c;  $\frac{1}{2}$  lb., 18c; 1 lb., 28c, postpaid. Not prepaid, 10 lbs., \$1.25; 100 lbs., \$11.50.

**GREAT NORTHERN.** A good standard stock.  $\frac{1}{4}$  lb., 11c;  $\frac{1}{2}$  lb., 17c; 1 lb., 27c, postpaid. Not prepaid, 10 lbs., \$1.10; 100 lbs., \$10.00.

**HIDATSA RED.** A heavy yielding, hardy and excellent baking Bean. **Resistant to bacterial blight.** The seed is red in color and similar to the Great Northern in shape. Pkt., 5c;  $\frac{1}{4}$  lb., 11c;  $\frac{1}{2}$  lb., 18c; 1 lb., 28c, postpaid. Not prepaid, 10 lbs., \$1.25.



Mary Washington Asparagus.

## ASPARAGUS

**Culture.** One ounce will sow 100 feet of row. Soak seed for 24 hours before planting 1 inch deep in rows 1 foot apart. When 1 year old set plants in permanent beds. Work soil to depth of 16 inches, manure heavily, and set roots 2 feet apart in the row with rows 4 feet apart and crowns 4 inches below the surface.

**MARY WASHINGTON.** The very vigorous and rust resistant variety developed by the U. S. Department of Agriculture. **The best yielding** pedigree strain, with large rich, dark green stalks. About 225 seeds to a packet. Pkg., 8c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.10, postpaid.

## ASPARAGUS ROOTS

**MARY WASHINGTON. Two Year Old Roots.** Price, postpaid, doz., 35c; 50, \$1.00; 100, \$1.75. F.O.B. here, 50, 90c; 100, \$1.65; 1,000, \$12.00.



## Germāco Hotkaps

Help You Grow Earlier, Hardier  
Vegetables and Flowers

Strong little individual hothouses for every plant. Increase yields, promote larger fruits and vegetables and ripen plants earlier. Made of waxed paper, protect against rain, frost, wind and insects. Quickly and easily set—directions on package. Home Garden Package contains 25 Hotkaps and cardboard setter, postpaid, 70c; not prepaid, 50c. Not prepaid, 100 Hotkaps, \$1.95; 250 for \$3.50; 1000 for \$11.00; 5,000 lots at \$10.75 per 1000. The 100 and 250 Hotkap packages contain a Fibreboard setter.





Green Sprouting Broccoli.

## BORECOLE OR KALE

**GREEN CURLED or SCOTCH.** This is more hardy than cabbage and makes excellent greens for Fall and early Spring. A good frost improves the quality. About 1,300 seeds to the packet. Pkt., 10c; oz., 25c; ¼ lb., 90c; ½ lb., \$1.60; 1 lb., \$3.00, postpaid.

## BRUSSELS SPROUTS

**LONG ISLAND IMPROVED.** Undoubtedly the best and most dependable sort of this most delicately flavored of the Cabbage family. This variety is the earliest, most dwarf and compact. Pkt., 10c; oz., 65c; ¼ lb., \$2.25; 1 lb., \$8.00.

## BROCCOLI

**GREEN SPROUTING.** A distinct variety forming a large solid head, which remains green. When the central head is cut, numerous sprouts develop from the leaf axes, each sprout terminating in a small green head. Cooked as is cauliflower, it is very easily grown, one of the most delicious green vegetables, and decidedly worth trying. Pkt., 10c; ½ oz., 35c; oz., 60c.

## Chives

**SCHNITTCLAUCH (Grass Onion).** The decorative perennial plants grow about ten inches high and the tops, which may be cut frequently, are used in salads and for flavoring soups and stews. Pkt., 10c; oz., 70c. To those preferring to set out plants we offer Clumps: Each, 22c; doz., \$2.00, postpaid.

## MUSHROOM SPAWN

**Bottle Spawn.** One bottle will plant 35 to 40 square feet of bed or about five times as much as one brick. Catches quicker and handles easier than brick spawn. Bottle Spawn is shipped removed from glass containers. Per bottle, \$1.05, postpaid.

## Cress

**UPLAND.** For salads and garnishing. Pkt., 10c; oz., 40c, postpaid.

## Endive

**MAMMOTH GREEN CURLED.** The standard variety with finely divided leaves which give the plant a mossy appearance. Endive is coming rapidly into favor for greens because of its excellent flavor. Pkt., 5c; oz., 15c; ¼ lb., 50c, postpaid.

**BROAD LEAVED BATAVIAN or ESCAROLE.** One of the best varieties for salads. Pkt., 5c; oz., 15c; ¼ lb., 50c, postpaid.

## EGGPLANT

Our seed is chemically treated to eliminate seed borne diseases and to aid germination and early growth.

**Culture:** Sow the seed (which is slow to germinate) in hotbed or indoors in boxes early in spring. When all danger of frost is past, transplant in open ground 2 to 3 feet apart.

**NEW HAMPSHIRE.** An All American Silver Medal Winner when introduced. For earliness and heavy yield try this one. The rich, dark purple colored fruits are good sized although a trifle smaller than Black Beauty. Pkt., 10c; oz., 60c; ¼ lb., \$2.00, postpaid.

**BLACK BEAUTY.** Until the introduction of New Hampshire this was the earliest of the large type Egg Plant. The fruit is a very uniform dark purple, the size is large and uniform and the color and texture hold for an unusually long time. Pkt., 10c; oz., 50c; ¼ lb., \$1.85, postpaid.

For Egg Plant plants See Page 57.



Black Beauty

## Leek

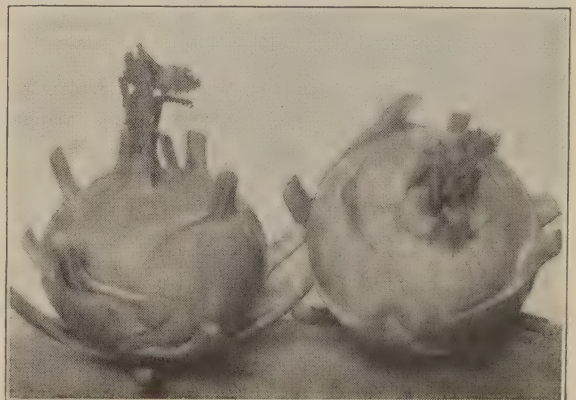
**LARGE LONDON or FLAG.** Sow early in a bed. When 6 inches high, trim off tops and transplant in rows 4 inches apart. Pkt., 15c; oz., 75c; ¼ lb., \$2.50, postpaid.

## Okra

**DWARF GREEN.** A southern vegetable that is not difficult to raise in North Dakota. Start plants inside and transplant after frost is over. This is the earliest variety. About 70 seeds to the packet. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

## KOHL-RABI

**EARLY WHITE VIENNA.** This best Kohl Rabi is extra early and easily grown. The nearly white bulbs are firm and distinctly sweet, and when cooked are crisp, tender and most delicate and tasty. Use when about the size of a hen's egg. Pkt., 10c; oz., 50c; ¼ lb., \$1.60.



Early White Vienna Kohl-Rabi





**Detroit Dark Red Beet**

We shall appreciate notification by our customers of any change in address or duplication of catalogs.

## **BEET**

### **DETROIT DARK RED.**

The best main crop beet. The roots are smooth, medium sized, globe-shaped. The skin is a dark blood red and the flesh is a solid vermillion-red with no zoning. Pkt., 8c; oz., 18c; ¼ lb., 65c; ½ lb., \$1.20; 1 lb., \$2.25, postpaid. Not prepaid, 5 lbs., \$10.50.

**GOOD FOR ALL.** Especially fine for canning and pickling whole when 1¼ to 1½ inches in diameter, but equally good for table use fully grown and 3 inches across. The roots are very even in color, size and shape, almost perfectly globular and a deep crimson inside and out. Pkt., 8c; oz., 18c; ¼ lb., 65c; ½ lb., \$1.20; 1 lb., \$2.25, postpaid. Not prepaid, 5 lbs., \$10.50.

## **Mangels or Stock Beets**

A cheaply produced, heavy yielding, highly valuable feed for stock and poultry.

**Culture.** Sow in May or early June in deep mellow soil, about 1½ inches deep, in rows 1½ to 2 feet apart. Four to six pounds are required to the acre.



**Golden Giant**

The following Mangels are priced: Pkt., 5c; oz., 13c; ¼ lb., 45c; ½ lb., 75c; 1 lb., \$1.40, postpaid. Not prepaid, 5 lbs., \$6.25.

**MAMMOTH LONG RED.** The heaviest yielder and most popular of all Mangels. The light red roots are pinkish fleshed and grow well out of ground. Yields run as high as fifty tons to the acre.

**GIANT HALF SUGAR ROSE.** The long, oval, White fleshed roots are white skinned with rose-colored shoulder. This type combines in considerable degree the sugar content of the sugar beet and the size of the mangel.

**GOLDEN TANKARD.** A variety noted for its milk producing properties. The cylindrical roots grow well out of the ground and yield well on light soil. The flesh is yellow zoned with white.

**GOLDEN GIANT or DANISH SLUDSTRUP.** A very high yielder, the long oval roots are reddish yellow with white flesh, growing more than half above ground and easily harvested.

The Mangels above are priced: Pkt., 5c; oz., 13c; ¼ lb., 45c; ½ lb., 75c; 1 lb., \$1.40, postpaid. Not prepaid, 5 lbs., \$6.25.

## **Sugar Beet**

**KLEIN WANZLEBEN.** The most desirable and extensively grown Sugar Beet. The roots are wedge shaped, 12 to 15 inches long, and about 4 inches thick at the shoulder. The skin is grayish white and the flesh pure white. With very high sugar content and good keeping qualities, this is not only a source of sugar, but an excellent stock food and milk producer. Pkt., 5c; oz., 13c; ¼ lb., 45c; ½ lb., 75c; 1 lb., \$1.40, postpaid. Not prepaid, 5 lbs., \$6.25.



# BEETS

**Culture:** Sow from April 15th to July 15th, covering 1 inch deep. Thin to 4 to 5 inches apart in the row. Thinning can be done gradually for greens and small beets. One ounce will sow 75 feet of row; six pounds, an acre. About 450 seeds in a packet.

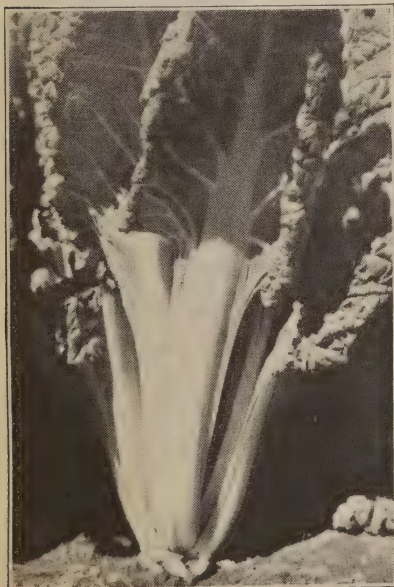
## WILL'S IMPROVED BLOOD TURNIP BEET. This is an ex-

ceptionally fine strain of Crosby's Egyptian. The roots are somewhat flattened though globular, and the skin a very dark red in color. The flesh is of a slightly lighter shade and lightly zoned. The best first early Beet and a good keeper. Pkt., 6c; oz., 15;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 85c; lb., \$1.75, postpaid. Not prepaid, 5 lbs., \$8.00.

## EARLY WONDER or BOSTON CROSBY.

This selection from Crosby's Egyptian is not as early as the Will's Improved. The roots are very uniform and more nearly globe-shaped with very small top and tap root, dark red skin with deep blood-red flesh and very little zoning. A very popular variety with market gardeners and unexcelled for the home garden. Pkt., 7c; oz., 17c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.05; lb., \$2.00, postpaid. Not prepaid, 5 lbs., \$9.25.

*We have used your seeds for a long time. My mother used them 35 years ago or more and they always grew so now I use them too.—*  
Roy Haefs, Miller, S. Dak.



Swiss Chard Lucullus



Early Wonder Beet

## OHIO CANNER.

This deep blood red Beet is free from zoning, flattened globe in shape, uniform in growth, tender, sweet, the most handsome Beet when canned that we know and outstanding for interior color. A desirable sort for all purposes. Pkt., 8c; oz., 18c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.20; 1 lb., \$2.25, postpaid. Not prepaid, 5 lbs., \$10.50.



J.B.R.S.Co.

Will's Improved Blood Turnip

## GREEN TOP BUNCHING.

An early, extremely attractive Beet with clean, grayish green, foliage. The roots are round, smooth and glossy; the flesh bright blood red, finer and less fibrous than most Beets. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.30; 1 lb., \$2.50, postpaid. Not prepaid, 5 lbs., \$11.25.

Small Green young Beets cooked with their equally tender tops are delicious.

## SWISS CHARD

**LUCULLUS.** To our mind the best vegetable that can be raised for greens. The crumpled, rich green outside leaves are picked off and the plant yields a constant crop from July well into September. The leaves are large and picking a mess of Swiss Chard for greens is short work. The thick broad stems may be cooked like asparagus or used for pickles. This is the most popular sort and gives big returns with little care. Pkt., 7c; oz., 17c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.05; 1 lb., \$2.00, postpaid.





Copenhagen Market.

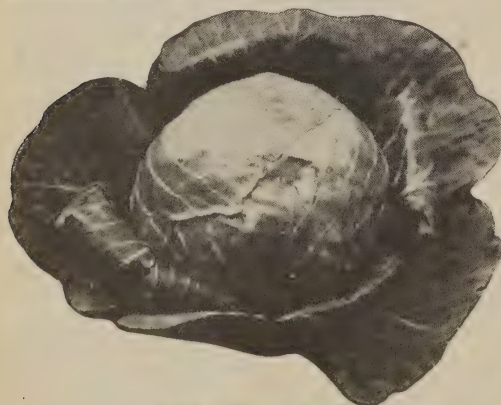
## COPENHAGEN MARKET

This is in our opinion the heaviest yielding and best quality Cabbage that can be grown. A dependable yielder of smooth, round, even sized heads, valuable for either extra early or main crop use. The plant is short stemmed and compact, leaves medium light green, and the heads average about 4 pounds. Pkt., 10c; oz., 47c;  $\frac{1}{4}$  lb., \$1.55;  $\frac{1}{2}$  lb., \$2.90; 1 lb., \$5.50, postpaid.

## EARLY JERSEY WAKEFIELD

A standard, widely grown sort and the earliest pointed variety. The conical heads are solid and the small outer leaves permit close planting. Pkt., 8c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00;  $\frac{1}{2}$  lb., \$1.70; 1 lb., \$3.25, postpaid.

"Your garden seed proved immense last year. Still have cabbage. Are all keeping good. The squash keeps firm, your seed proves the best of any I yet have used. I have used your seed since 1916."—Irene A. Branson, Pioneerville, Ida.



Will's Early June.

Your Victory Garden will pay big dividends

# Cabbage

**Culture:** For early plants sow seed in boxes indoors or in hot bed, allowing 6 to 7 weeks from sowing to setting in the open ground. Some recommend planting the seeds in the field, 3 or 4 seeds to a hill and leaving the strongest plant. One ounce of seed will produce from 1500 to 2000 plants in open ground, 3000 in frames. 4 to 6 ounces of seed is required to produce plants for an acre.

## EARLY VARIETIES

For early use we recommend especially Golden Acre and Copenhagen Market; for late use, Danish Ballhead.

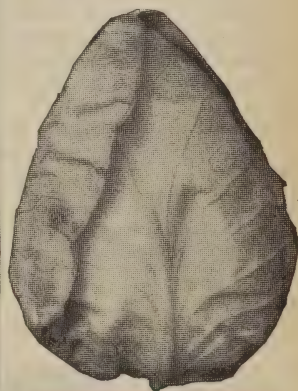
## GOLDEN ACRE—Earliest of All

Of the Copenhagen Market type by ten days, this is the earliest round headed Cabbage. The plants are dwarf and compact.

The heads weigh about 3 pounds, are round as balls, solid, very uniform and sweet. If you want the earliest Cabbage and the top prices that go with it, plant our Golden Acre. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.70;  $\frac{1}{2}$  lb., \$3.15; 1 lb., \$6.00, postpaid.



Golden Acre.



Early Jersey Wakefield.

## WILL'S EARLY JUNE

The earliest flat headed Cabbage, making fair sized, solid and shapely heads within 70 days from seed. The plant is vigorous, stands heat and is particularly desirable for the northwest. Pkt., 9c; oz., 38c;  $\frac{1}{4}$  lb., \$1.20;  $\frac{1}{2}$  lb., \$2.15; 1 lb., \$4.00, postpaid.

**EARLY WINNIGSTADT.** Hardy, and the hardest header of any of the early Cabbages, the dark green heads are broad pointed, good keepers and of fine quality. This is a dependable old favorite. Pkt., 8c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00;  $\frac{1}{2}$  lb., \$1.75; 1 lb., \$3.25, postpaid.

**CORNELL EARLY SAVOY-ODORLESS.** This is the earliest of the Savoy type with round, medium sized heads whose much crumpled dark green leaves are of distinct and delicate flavor. Developed by Prof. C. H. Meyers and the Cornell University Experiment Station, add to its other good points the fact that it is practically odorless in cooking. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.30, postpaid.

**RED ROCK.** Sureheading, large, round and solid, and deep red to the center. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.70, postpaid.

FOR CABBAGE PLANTS, SEE PAGE 57.



## More Early CABBAGE

**GLORY OF ENKHUIZEN.** Attractive globe shaped heads, exceptionally firm and solid, and weighing from 6 to 8 pounds. A good keeper, largely planted for medium early and main crop, and fine for kraut. Pkt., 8c; oz., 37c;  $\frac{1}{4}$  lb., \$1.10;  $\frac{1}{2}$  lb., \$2.00; 1 lb., \$3.75, postpaid.



Glory of Enkhuizen



Danish Ballhead

## CHINESE CABBAGE

**CHIHLI—SUREHEAD STRAIN.** The earliest and surest heading Chinese Cabbage. The cylindrical heads are from 18 to 20 inches in length, white, solid, sweet and tender. Best results are obtained in this section by planting about June 20th. Well grown heads will weigh from 2½ to 6 pounds. Rapidly increasing in popularity, this vegetable is an excellent salad plant and fine when boiled as you would Cabbage. Pkt., 8c; oz., 36c;  $\frac{1}{4}$  lb., \$1.05;  $\frac{1}{2}$  lb., \$1.90; 1 lb., \$3.50, postpaid.



Chihli, Chinese Cabbage

**PROTECT YOUR PLANTS.** Purchase Garden Guard or Bugex with your seeds. Dust early and often. See Page 58.



## NEPONSET Waterproof Green Paper Flower Pots.

Just the thing for starting bedding and vegetable plants, etc. They make a fine cut worm guard when the plant is set. Postpaid, 3-inch size, 25c per doz.; \$1.10 per 100; F. O. B. here, 1000, \$8.50.

**HARRIS READY-TO-USE LOCKED PLANT BANDS AND POTS.** The only really Ready-to-use bands on the market. No locks to put together, no tacks to drive, no folding of corners. They come already folded and set up. BANDS, 2x2x2½ inches, package of 250, \$1.25, postpaid. BANDS, 3x3x3 inches, package of 250, \$1.50, postpaid. POTS, 3x3x3 inches, Package of 250, \$1.75, postpaid.

**ORDER EARLY**

## Later CABBAGE

**DANISH BALLHEAD** Short Stem or Hollander. This variety is one of our specialties and the most widely used and finest late Cabbage grown. Very hardy, the deep round, pale blue-green heads weigh from 6 to 7 pounds, are crisp, tender and sweet, and of finest quality. This variety is outstanding for its solidity and fine keeping qualities. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.30;  $\frac{1}{2}$  lb., \$2.40; 1 lb., \$4.50, postpaid.

**PENN STATE BALLHEAD** Largest of the ballhead types, this is notable for its heavy yield and excellence for winter storage and for making kraut. The uniform heads are a flattened globe shape. Pkt., 10c; oz., 41c;  $\frac{1}{4}$  lb., \$1.35;  $\frac{1}{2}$  lb., \$2.50; 1 lb., \$4.75, postpaid.



Will's Selected Premium Flat Dutch

**WILL'S PREMIUM FLAT DUTCH.** The largest of the late varieties, low growing and a sure header, the most popular late flat heading sort. May weigh 10 or 12 lbs. The flattened heads are bluish green in color, solid, of handsome appearance and fine quality. Pkt., 8c; oz., 36c;  $\frac{1}{4}$  lb., \$1.05;  $\frac{1}{2}$  lb., \$1.90; 1 lb., \$3.50, postpaid.





Coreless Carrot

## Healthful CARROTS Tasty

**Culture:** Plant  $\frac{1}{2}$  inch deep in well prepared soil, cultivate as soon as plants are well established, and thin to 3 or 4 inches apart in the row. Plantings may be made from early spring to the middle of June. 3 to 5 pounds to the acre.

**CORELESS.** The most strikingly handsome early carrot we know. The deep orange roots are exceptionally smooth, cylindrical, 6 inches long by  $1\frac{1}{2}$  inches in diameter, and free from woody heart or core. This is worth a trial. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.30;  $\frac{1}{2}$  lb., \$2.40; 1 lb., \$4.50, postpaid.

**FRENCH FORCING.** The earliest variety, used largely for forcing. The tops are small and the roots almost round and about  $2\frac{1}{2}$  inches in diameter, orange-red in color. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.30;  $\frac{1}{2}$  lb., \$2.40; 1 lb., \$4.50, postpaid.

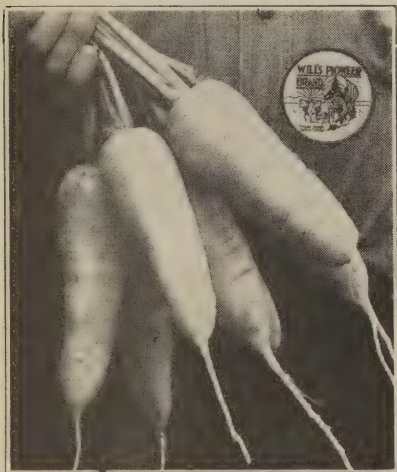
Everybody asks  
how we always  
raise such good  
gardens. I tell  
them we get our  
seeds from Os-  
car H. Will Co.  
— Earl Haight,  
Florence, S. D.



Danvers Half-Long Carrot

### DANVERS HALF LONG.

The best known second early half long sort, a great yielder and a first class carrot for all soils. The roots are smooth, from 6 to 8 inches long, tapering to a blunt point, a deep orange in color, with close texture flesh and little core. Although the roots are comparatively short, they yield as heavily as the larger sorts. Pkt., 8c; oz., 36c;  $\frac{1}{4}$  lb., \$1.05;  $\frac{1}{2}$  lb., \$1.90; 1 lb., \$3.50, postpaid. Not prepaid, 5 lbs., \$16.50.



Chantenay Carrot

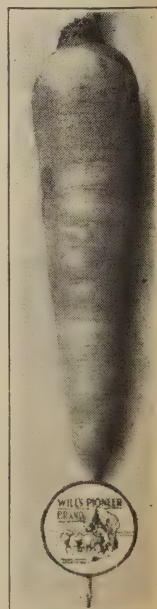
The seeds look like very fine seeds. Father has been buying seeds from you folks for quite a number of years. He has always had fine success with your seeds, especially with your corn. It's really the best seed we've ever bought.—Bert Grover, R. No. 2, St. Anthony, Idaho.

**IMPROVED LONG ORANGE.** A standard heavy cropping sort, the orange-red roots grow 10 to 12 inches long, 3 inches thick at the shoulder, tapering to a point, smooth, sweet and fine grained. Pkt., 8c; oz., 36c;  $\frac{1}{4}$  lb., \$1.05;  $\frac{1}{2}$  lb., \$1.90; 1 lb., \$3.50, postpaid.

**CHANTENAY or MODEL.** This is an excellent medium early half-long, stump rooted variety. The roots are smooth and are from 5 to 6 inches long, with rich orange-red flesh of the finest quality. It is a great favorite with market gardeners. Pkt., 8c; oz., 36c;  $\frac{1}{4}$  lb., \$1.05;  $\frac{1}{2}$  lb., \$1.90; 1 lb., \$3.50, postpaid. Not prepaid, 5 lbs., \$16.50.

**IMPERATOR or TENDERSWEET.** One of the finest varieties, always sweet, tender and brittle. The roots are from 7 to  $8\frac{1}{2}$  inches long, 2 inches in diameter at the shoulder and uniformly tapered to a semi-blunt end. The flesh is rich orange with indistinct core. Pkt., 9c; oz., 38c;  $\frac{1}{4}$  lb., \$1.20;  $\frac{1}{2}$  lb., \$2.15; 1 lb., \$4.00, postpaid. Not prepaid, 5 lbs., \$19.00.

**MASTODON or SHORT WHITE.** A very heavy yielding stock carrot. The pure white roots are about 8 inches long and 3 inches thick at the shoulder, tapering to a point. This is a remarkably efficient feed for live stock. Pkt., 8c; oz., 36c;  $\frac{1}{4}$  lb., \$1.05;  $\frac{1}{2}$  lb., \$1.90; 1 lb., \$3.50, postpaid.

Emperor  
or  
Tendersweet



## Carrots

### OXHEART or GUERANDE.

One of the most valuable and popular varieties. When fully grown the type is about  $5\frac{1}{2}$  inches long,  $3\frac{1}{2}$  inches thick at the shoulder and about 2 inches thick at the bottom. With bright orange flesh, fine grained and sweet, it is of fine quality for table use and equally good for stock. It is very easily dug or pulled and is probably our heaviest yielding carrot. Pkt., 8c; oz., 36c;  $\frac{1}{4}$  lb., \$1.05;  $\frac{1}{2}$  lb., \$1.90; 1 lb., \$3.50, postpaid. Not prepaid, 5 lbs., \$16.50.



Morse's Bunching

### MORSE'S BUNCHING

A fine bunching carrot — very much like Pride of Denmark, of high quality, almost coreless and a heavy yielder. The nearly cylindrical, deep orange roots are about 8 inches long. This is an excellent variety both for market and home garden. Pkt., 10c; oz., 39c;  $\frac{1}{4}$  lb., \$1.25;  $\frac{1}{2}$  lb., \$2.25; 1 lb., \$4.25, postpaid. Not prepaid, 5 lbs., \$20.25.

*I have used your seeds and trees for 50 years, they just can't be beat.—Mrs. Abe Robb, Florence, S. Dak.*



Oxheart Carrot

## Cauliflower

### One of the Most Profitable Crops for Market and Small Gardeners

**CULTURE:** Cauliflower culture is practically the same as that of Cabbage. One ounce of seed will produce 1500 to 2500 plants. Allow 6 weeks from time of sowing indoors or in hotbed to setting plants in the field in the latter half of May or early June. Gather and tie tops of leaves loosely together as soon as the heads begin to form.

### QUARTER AND HALF OUNCES AT OUNCE RATE

### DANISH PERFECTION.

This is not quite as early as our extra early strain of Snowball, maturing a week or ten days later. This sort develops heavier foliage than the Snowball, making better protection for the heads. The heads are very firm, solid, and snow white. This is a sure header. Pkt., 15c; oz., \$3.50;  $\frac{1}{4}$  lb., \$12.00.

### SUPER SNOWBALL.

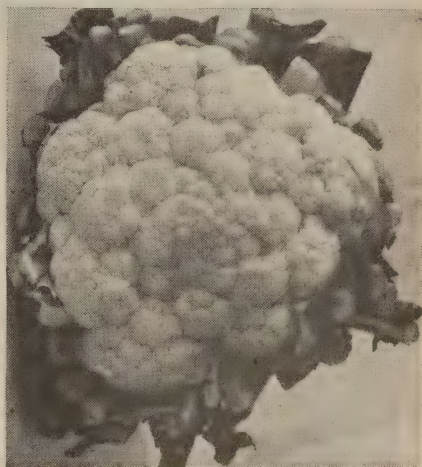
(Madsen strain.) The earliest dependable Cauliflower. The plants are vigorous and sturdy. The deep heads are large, pure white, very uniform and of highest quality. Pkt. 25c; oz. \$4.75.

### DRY WEATHER or

DANISH GIANT. This variety is two weeks later than our strain of Snowball, of heavier growth, with larger heads. It will stand more hot, dry weather than any other sort of its season. Pkt., 15c; oz., \$3.75;  $\frac{1}{4}$  lb., \$13.00.



Super Snowball



Snowball Cauliflower

**SNOWBALL** (The Earliest or Snowdrift type.) One of the best, of high quality and fine texture. The medium sized heads are firm and compact. Pkt. 20c; oz., \$4.25.

**LARGE EARLY ERFURT.** One of the leading varieties for market and home planting and superior for reliability of heading, size and solidity of head. Pkt., 15c; oz., \$4.00.

For Cauliflower Plants, See Page 56.



**EARLIEST  
HARDIEST  
QUALITY**

# SWEET CORN

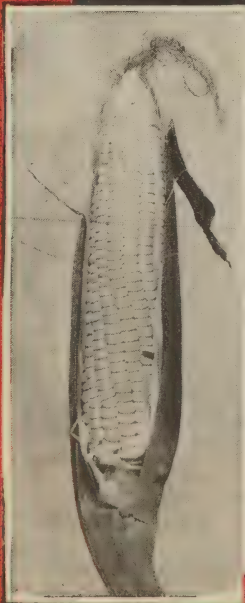
**OUR  
SPECIALTY**



## GOLDEN GEM

**Golden Gem.** The Earliest Golden Sweet Corn. Two weeks earlier than Golden Bantam and of Golden Bantam quality. The 8 rowed ears are 6 to 7 inches long, deep yellow and exceptionally sweet. Golden Gem should be in every home garden and is a money maker for the market gardener. Pkt., 5c; ¼ lb., 14c; ½ lb., 23c; 1 lb., 39c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.30; 50 lbs., \$10.50; 100 lbs., \$20.00.

## SUNSHINE



### Sunshine.

Larger and Earlier than Golden Bantam. A week earlier than Golden Bantam, the 12 to 14 rowed, golden yellow ears are 8 in. long, and broad, golden yellow kernels are very sweet and tender. Developed at the North Dakota Experiment Station by Professor A. F. Yeager. A great Corn for the home and market garden. Pkt., 5c; ¼ lb., 14c; ½ lb., 23c; 1 lb., 39c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.30; 50 lbs., \$10.50; 100 lbs., \$20.00.

**CULTURE:** Plant in drills about 3 feet apart, one kernel every 8 inches; or in hills 3 to 3½ feet apart each way, dropping 4 or 5 kernels to a hill. Sweet Corn should not be planted until the ground is fairly warm. One-fourth pound to 100 hills; 8 pounds per acre. One pound of Sweet Corn is a little more than a pint.

### Will's Sweet Corn Collection

This collection is designed to give Corn lovers the longest possible succession of roasting ears.

**PICKANINNY  
GOLDEN GEM  
NUETTA  
SUNSHINE**

**GREAT PLAINS GOLDEN BANTAM  
GOLDEN CROSS BANTAM  
STOWELL'S EVERGREEN**

2 Ounces of Each of the above **60c** The Price of the Collection, Postpaid

**Earligold Hybrid.** See inside front cover for picture. A very early, large eared, heavy yielding, yellow hybrid Sweet Corn. As early as Golden Gem. The uniform golden ears are 6½ to 7 inches long with 12 to 16 rows of kernels. A most satisfactory combination of earliness, size and quality. Pkt., 10c; ¼ lb., 20c; ½ lb., 36c; 1 lb., 65c, postpaid. Not prepaid, 5 lbs., \$2.30; 10 lbs., \$4.50.

## WILL'S EARLY JUNE

**WILL'S EARLY JUNE.** The Earliest White Sweet Corn. A very dwarf and amazingly early variety bred by us for a short season, and a true and delicious Sweet Corn. The white, eight rowed ears are from 4½ to 6 inches long. Pkt., 5c; ¼ lb., 13c; ½ lb., 22c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.10; 10 lbs., \$2.10; 50 lbs., \$9.50; 100 lbs., \$18.00.



We have always had the best success with your seeds for 10 years or more.—Mrs. C. R. Lyons, Route 8, Seattle, Wash.

### NUETTA. The Hardest Sweet Corn, and The Most Productive Variety We Have.

The dry seed is red, but when fit for table, the 7 inch long, 8 to 10 rowed ears are a rich golden yellow. Our original seed was obtained from a Mandan Indian 35 years ago. Nuetta yields well under harsh dry conditions, meets the requirements of the mountain country and gives excellent results in the moist climate of the Pacific Coast.

Pkt., 5c; ¼ lb., 13c; ½ lb., 22c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.10; 10 lbs., \$2.10; 50 lbs., \$9.50; 100 lbs., \$18.00.

## NUETTA

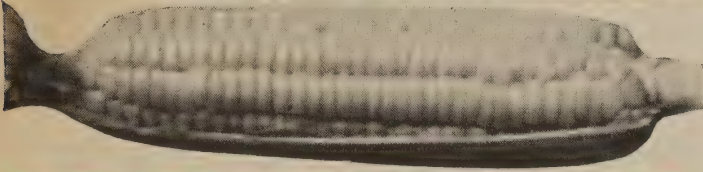




**EARLIEST  
HARDEST  
QUALITY**

# SWEET CORN

**OUR  
SPECIALTY**



## GREAT PLAINS GOLDEN BANTAM

A recombination of a number of smut-resistant selfed strains. This corn has been developed for earliness, drouth resistance, vigor, smut resistance, short shanks and the characteristic of two ears to a stalk. Our stock seed was obtained from the Bureau of Plant Industry, Northern Great Plains Field Station, Mandan, N. Dak. It is far ahead of any other Golden Bantam we have seen. Pkt., 5c;  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 24c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.40; 50 lbs., \$11.00; 100 lbs., \$21.00.

*I raise my garden at 5000 Ft. Altitude and have had good luck with your seeds for 5 years now.—Joe Stanford, Darby, Mont.*

## GOLDEN BANTAM

The best and most popular Sweet Corn. It is the sweetest, most tender and delicious. The 8 rowed ears are 6 to 7 inches long and remain edible for a long time. A heavy producer, our Burleigh County grown strain is superior. Pkt., 5c;  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 23c; 1 lb., 39c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.30; 50 lbs., \$10.50; 100 lbs., \$20.00.

## GOLDEN CROSS BANTAM

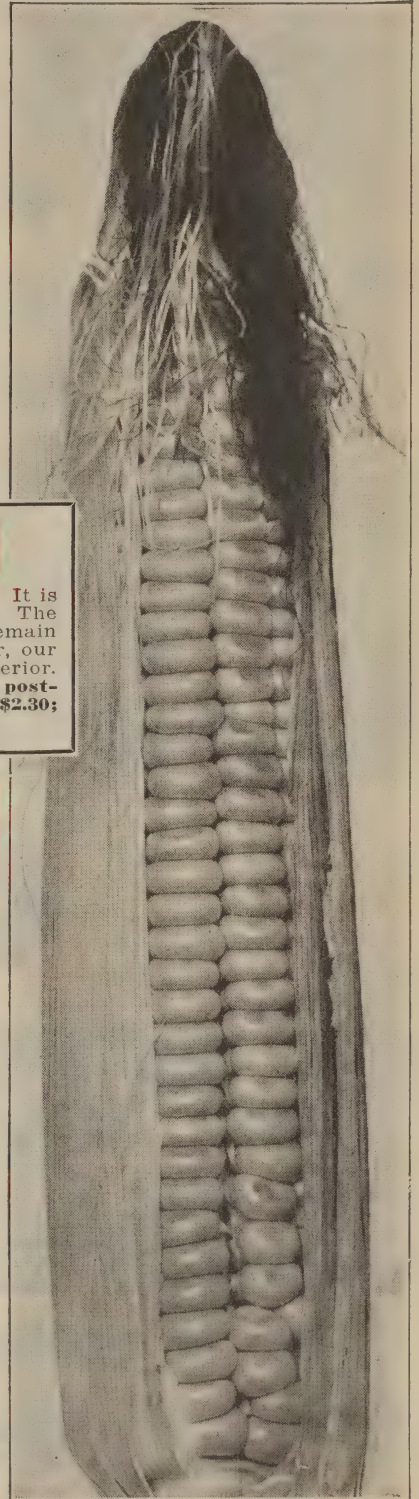
A heavy yielding, large eared hybrid developed at Purdue University in conjunction with the U. S. Department of Agriculture. About a week later than our Golden Bantam with very uniform ears, usually 16 rowed. This is resistant to Stewart's disease or Wilt. For best results the cross must be made each year and customers will do well not to save seed from their crop, but to purchase new seed each year. The increased yield will pay for it. Pkt., 10c;  $\frac{1}{4}$  lb., 18c;  $\frac{1}{2}$  lb., 31c; 1 lb., 55c, postpaid. Not prepaid, 5 lbs., \$1.80; 10 lbs., \$3.50.

## WILL'S BANANA CREAM.

A large eared, later type, stalks 5 to 7 ft. An unusually delicious creamy white Sweet Corn. The ears are 7 to 8 inches long, 12 to 16 rowed, and remain fit for use for a long time. Pkt., 5c;  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 23c; 1 lb., 39c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.30; 50 lbs., \$10.50; 100 lbs., \$20.00.

## STOWELL'S EVERGREEN.

The Standard White Late Sweet Corn. The 8 inch ears are usually 16 rowed, with very sweet, deep, white kernels. Besides its table uses, the rank fodder that characterizes this variety makes it extremely valuable for the dairy herd. Pkt., 5c;  $\frac{1}{4}$  lb., 14c;  $\frac{1}{2}$  lb., 23c; 1 lb., 39c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.30; 50 lbs., \$10.50; 100 lbs., \$20.00.



Golden Bantam

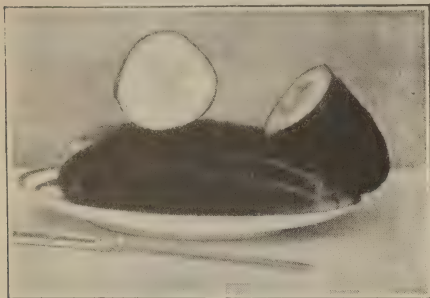


Will's Banana Cream

*I would not use other seeds as long as I can get Will's.—Mrs. John N. Frisch, Glasgow, Mont., Rte. 1*

**ORDER EARLY**





Earliest of All

**DAVIS PERFECT.** A dark, glossy green, thick fleshed sort of fine quality. The Cucumbers average 10 inches long by 2½ inches thick, very tender, brittle with relatively few seeds. Pkt., 9c; oz., 21c; ¼ lb., 75c; ½ lb., \$1.35; 1 lb., \$2.50, postpaid.

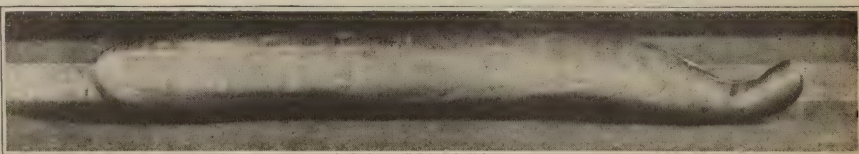


Extra Early Siberian Cucumber

**WHITE WONDER.** An ivory white symmetrical Cucumber of fine quality. The fruits are 7 to 8 inches long and 3 inches through, white at all stages of growth. Pkt., 7c; oz., 17c; ¼ lb., 60c; ½ lb., \$1.05; 1 lb., \$2.00, postpaid.

**EARLIEST WHITE CUCUMBER**

**WEST INDIA GHERKIN.** Used exclusively for pickles and distinct from all others. The pale green oval fruits are 2 inches long by 1¼ inches through, small seeded and covered with tender spines. Pkt., 9c; oz., 21c; ¼ lb., 75c; ½ lb., \$1.35; 1 lb., \$2.50, postpaid.



**LONGFELLOW or CHINA LONG.** A fine home garden sort, unexcelled for slicing with firm, white and crisp flesh. This high quality Chinese variety is very early and the fruits are commonly 20 inches long. The longest cucumber reported in 1938 was 42¾ inches long. About 90 seeds to the packet. Pkt., 10c; oz., 45c; ¼ lb., \$1.35, postpaid.

# Crisp CUCUMBERS

For Pickling and Slicing

As soon as the weather becomes warm and settled, plant one inch deep in well prepared soil in hills 4 or 5 feet apart each way with 8 to 10 seeds to a hill. Thin to 4 or 5 plants to the hill. Thorough but shallow cultivation is essential. One ounce of seed will plant about 80 hills.

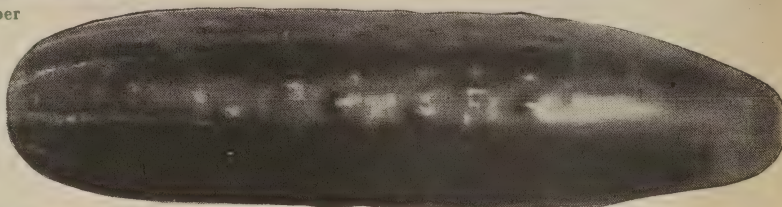
**EARLIEST OF ALL.** The Earliest Standard Cucumber of Quality. Prolific and desirable, the deep green Cucumbers are 7½ inches long and 2½ inches thick. Of special value to those who wish to be first on the market and a fine home garden sort. Pkt., 7c; oz., 17c; ¼ lb., 60c; ½ lb., \$1.05; 1 lb., \$2.00, postpaid.



Arlington White Spine Cucumber

**ARLINGTON WHITE SPINE.** One of the earliest and most productive of the famous White Spine group. The medium dark green fruits are 8 to 9 inches long and 2½ inches through, rounded at the ends. Very popular as a market variety on account of its good keeping qualities and its uniformity of size and shape. Pkt., 8c; oz., 18c; ¼ lb., 65c; ½ lb., \$1.20; 1 lb., \$2.25, postpaid.

**EXTRA EARLY SIBERIAN.** The Earliest and Hardest Cucumber. A heavy yielder and two weeks earlier than any other sort, the Cucumbers are six inches long by 2½ inches through, somewhat russeted when ripe. Of good quality, this sort is fine for small pickles and dills as well as for slicing. Pkt., 10c; oz., 25c.



Improved Long Green

**IMPROVED LONG GREEN.** The standard of slicing quality and unexcelled for pickles when small. The rich, dark green fruits average 12 inches long and about 3 inches through with crisp, firm white flesh. This is one of the most popular sorts. Pkt., 9c; oz., 21c; ¼ lb., 75c; ½ lb., \$1.35; 1 lb., \$2.50, postpaid.

**EARLIEST WHITE.** As early as the Extra Early Siberian and a very heavy yielder, the Cucumbers average 7 inches long, initially green, turning white as they mature, crisp and of fine quality. Pkt., 10c; oz., 35c.



## Will's Cucumbers

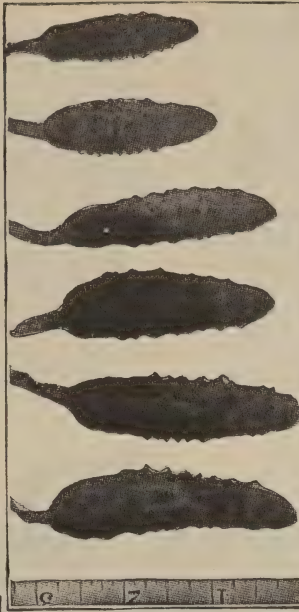
### EARLY FORTUNE. The best all around

**Cucumber.** Extra early, rich dark green in color, of perfect quality for slicing, uniform and well shaped for small pickles, it is disease resistant, a tremendous yielder, and retains its color and quality for a long time. The full grown Cucumbers are 8 inches long and 2½ inches through. **Pkt., 8c; oz., 18c; ¼ lb., 65c; ½ lb., \$1.20; 1 lb., \$2.00, postpaid.**

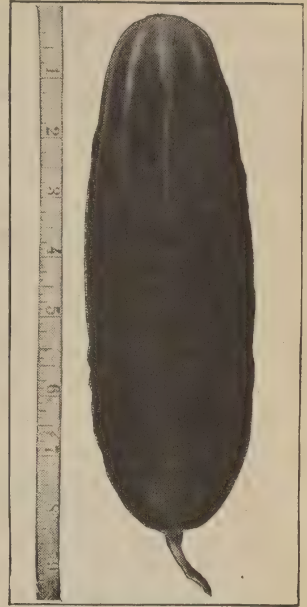
**STRAIGHT EIGHT.** The most desirable slicing **Cucumber**, an All American Gold Medal Winner and an outstandingly heavy yielder. The uniform and attractive dark green Cucumbers are 8 inches long, straight and smoothly cylindrical, well rounded at both ends and about 2 inches in diameter. This is one of the best sorts and we offer seed grown by the originator. **Pkt., 9c; oz., 21c; ¼ lb., 75c; ½ lb., \$1.35; 1 lb., \$2.50, postpaid.**



Chicago Pickling Cucumbers



Early Fortune  
(Pickling Size)



Early Fortune

### CHICAGO PICKLING. Sturdy, vigorous, best adapted to unfavorable

conditions and the most widely grown of all the pickling varieties. It is early and the rich dark green fruits are very uniform. **Pkt., 9c; oz., 21c; ¼ lb., 75c; ½ lb., \$1.35; 1 lb., \$2.50, postpaid.**

**EARLY CLUSTER.** An early, productive pickling type, borne in clusters. The medium green fruits are short and blunt ended. **Pkt., 5c; oz., 12c; ¼ lb., 38c; ½ lb., 70c; 1 lb., \$2.50, postpaid.**

**GOLDEN TOM THUMB.** This is the very earliest variety of pop corn grown and so is exceptionally valuable in the Northwest. Not a heavy yielder and the ears are small, but quality is excellent and it never fails. **Pkt., 5c; ¼ lb., 14c; ½ lb., 23c; 1 lb., 39c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.30.**

## PopCorn

Another good reason for growing your own in your own garden.

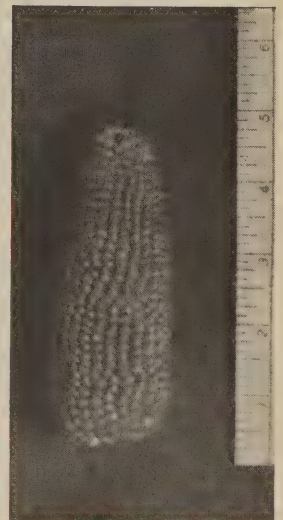
Because of shortages of labor, transportation, fertilizers and containers the U. S. Department of Agriculture is asking commercial growers to reduce production of a number of vegetables.

Vegetables on this list include: cucumbers, cauliflower, egg plant, bleached celery, head lettuce, green peppers, muskmelon and watermelon.

### JAPANESE HULLESS. Of Wonderful popping quality.

This is one of the best sorts. Our North Dakota grown seed is much earlier than ordinary strains. **Pkt., 5c; ¼ lb., 13c; ½ lb., 22c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.10; 10 lbs., \$2.10.**

*Must tell you that six years ago this fall I planted 5 lbs. of your Japanese Hulless and that I sold \$185 worth. Have always been well satisfied with all your seeds.—Martha Anderson, Bejou, Minn., Box 222.*



Japanese Hulless

### POP CORN FOR POPPING

Not prepaid, 1 lb., 17c; 5 lbs., 70c; 10 lbs., \$1.30; 100 lbs., \$12.00.



# LETTUCE

**Culture:** Sow as early in spring as ground can be worked, in rows not less than 15 inches apart, covering seed not over ½ inch deep. For succession, plant every three weeks. For best head lettuce, start indoors in early spring and transplant outside. One ounce for 200 feet of drill. About 2,000 seeds to the packet.

## HEADING VARIETIES

### MIGNONETTE. The Earliest and Surest Heading Sort.

**Fine for Home Gardens.** One of the hardest heading of all Lettuces, the heads are small and solid and the outer leaves are dark green shaded with brown. One of the most delicately flavored and tender of the crisp varieties, its earliness and quality make it one of the very best sorts for the home garden. Pkt., 10c; oz., 22c; ¼ lb., 85c; ½ lb., \$1.45; 1 lb., \$2.75, postpaid.

### BLACK SEEDED TENNIS-BALL or SALAMANDER.

One of the surest heading sorts under all conditions. The heads are large, round, solid and of fine quality. The outer leaves are a clear medium green, broad and crumpled. Withstanding heat well, this is one of the surest heading sorts for the Northwest. Pkt., 8c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.05; 1 lb., \$2.00, postpaid.



Crisp-As-Ice



Iceberg

**ICEBERG.** A home garden sort. The heads are large, solid, crisp, well blanching and very sweet. The outer leaves are crumpled and blistered with brownish tinge along their borders. Pkt., 10c; oz., 22c; ¼ lb., 80c; ½ lb., \$1.45; 1 lb., \$2.75, postpaid.

**HERBS:** CARAWAY. Grown for seeds which are used in flavoring. Pkt., 10c.

CATNIP. Leaves used for seasoning. Plant this and make your cat happy. Pkt., 15c.

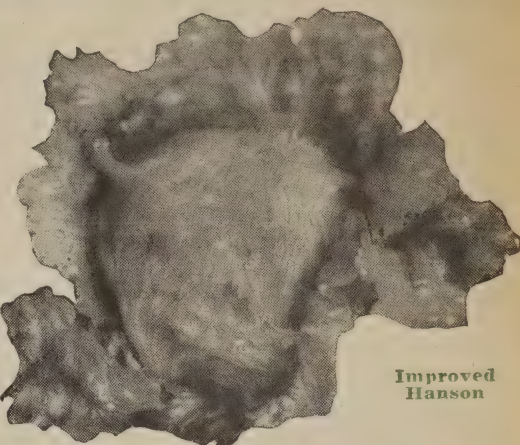
DILL. The stalks and seeds are used for pickling cucumbers. Pkt., 5c; oz., 12c; ¼ lb., 38c; 1 lb., \$1.20.

MUSTARD. Pkt., 5c; oz., 10c.

SUMMER SAVORY. Leaves and flowers flavor soups and dressings. Pkt., 10c.

Have had very good luck with Will's seeds. I have been planting Will's seeds since 1913 and always have a good garden.—Mrs. L. C. Smith, Opheim, Mont.

**ORDER EARLY**



Improved Hanson

### IMPROVED HANSON or NONPAREIL.

A very reliable, sure heading variety. The large, solid heads are of fine texture, rich and sweet flavored. The light green outer leaves are much crumpled and frilled. Improved Hanson withstands heat and drouth and is slow to go to seed. We recommend this variety. Pkt., 6c; oz., 12c; ¼ lb., 50c; ½ lb., 95c; 1 lb., \$1.75, postpaid.

**CRISP AS ICE or HARTFORD BRONZE HEAD.** A popular home garden variety, a buttery sureheader of delicate flavor and tender quality. The outer leaves are deep green overlaid with brown. In our trials, the compact, medium sized heads of this sort seem to withstand hot, dry weather better than any other sort. Pkt., 8c; oz., 21c; ¼ lb., 70c; ½ lb., \$1.20; 1 lb., \$2.25, postpaid.

**MAY KING.** A very early heading variety. The outer leaves are light green tinged with brown at the edges. The heads are small, firm and of fine quality, with golden yellow inner leaves. Pkt., 8c; oz., 21c; ¼ lb., 70c; ½ lb., \$1.20; 1 lb., \$2.25, postpaid.

**BIG BOSTON.** One of the most popular and widely grown sorts. The plants are large, hardy and vigorous. The large heads are bright green, lightly tinged with brown on the outer leaves, very tender and crisp. Pkt., 8c; oz., 21c; ¼ lb., 70c; ½ lb., \$1.20; 1 lb., \$2.25, postpaid.

**PARIS WHITE COS.** This is a distinct type of Lettuce with conical, rather tight, dark green head with smooth thick leaves. Blanching to a beautiful white inside, becoming exceedingly crisp and sweet. Pkt., 8c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.05; 1 lb., \$2.00, postpaid.



Dill



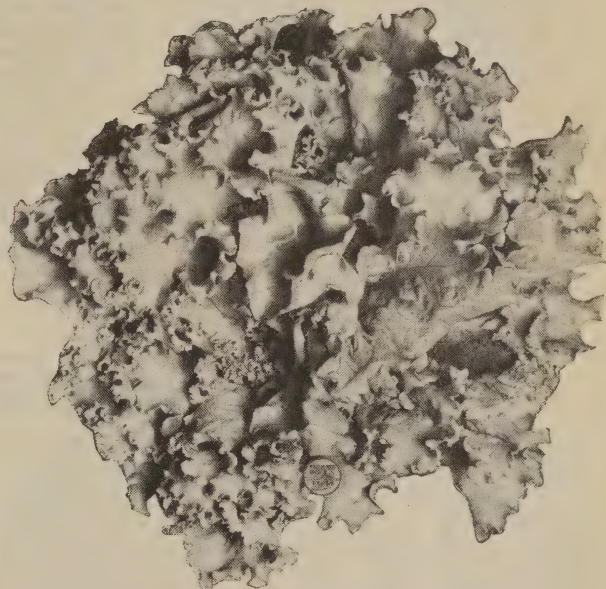


New York Lettuce

## CURLED or LOOSE HEAD VARIETIES

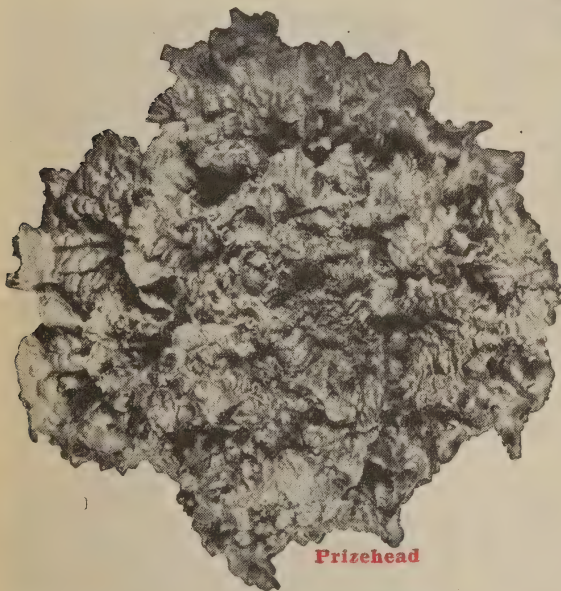
### EARLY CURLED SIMPSON— WHITE SEEDED.

Early, Hardy, and Dependable, probably our best Leaf Lettuce. The plants are large, but compact. The broad leaves are light green, much crumpled and frilled, crisp, tender and sweet. Pkt., 5c; oz., 14c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 80c; 1 lb., \$1.50, postpaid.



Early Curled Simpson

**GRAND RAPIDS.** Very tender, and fine for early planting. The crisp, curled leaves are light green, blistered and crumpled, with heavily fringed borders. Pkt., 6c; oz., 15c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 95c; 1 lb., \$1.75, postpaid.



Prizehead

**PRIZEHEAD.** An easily grown variety and fine for the home garden. Early, compact in growth and stands heat. The leaves are much crumpled and frilled, bright green tinged with brownish red, and very crisp and tender. Pkt., 5c; oz., 14c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 80c; 1 lb., \$1.50, postpaid.

**BLACK SEEDED SIMPSON.** A popular, quick growing, large crisp sort. The light, yellowish green leaves are frilled and crumpled, of excellent quality. Pkt., 6c; oz., 15c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 95c; 1 lb., \$1.75, postpaid.

I'm thanking you for the good results had last year. Your Head Lettuce was very good. I am very well satisfied.—Mr. Geo. E. Bailey, 303 2nd Ave. S. W., Watertown, S. D.



Black Seeded Simpson

## More Head Lettuce NEW YORK or WONDERFUL.

The outstanding heading type—known in all markets. A large, round, solid, heavy heading Lettuce with rich dark green outer leaves. We offer two types:

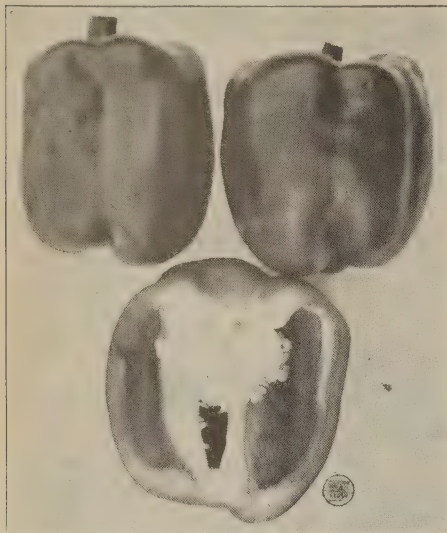
**New York No. 515.** The earliest and surest heading. White seeded. Pkt., 10c; oz., 23c;  $\frac{1}{4}$  lb., 85c;  $\frac{1}{2}$  lb., \$1.60; 1 lb., \$3.00, postpaid.

**Imperial No. 847.** Originated by Dr. Jagger of the U. S. Department of Agriculture, it is blight resistant and withstands heat and tip burn. Black seeded. Pkt., 10c; oz., 22c;  $\frac{1}{4}$  lb., 80c;  $\frac{1}{2}$  lb., \$1.45; 1 lb., \$2.75, postpaid.



## Your Choice of Hot or Sweet **PEPPERS**

**Culture:** Sow seed indoors or in hotbed in March, transplanting before setting in the garden the last of May. Set in rows about 2½ feet apart and about 18 inches apart in the row. About 200 seeds to the packet. Our Pepper Seed is treated to promote germination and prevent seed borne diseases.



Harris Early Giant

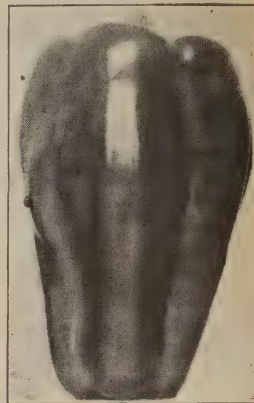
**KING OF THE NORTH.** An early heavy yielding, very large pepper, 6 inches long and 4 inches across, but little later than Harris Early Giant. The dark green skin turns to rich red when ripe and the flesh is medium thick, firm and mild. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50.

**HARRIS EARLIEST.** The Earliest Large Sweet Pepper, will produce an abundance of Peppers even in an unfavorable season. The plants are compact with fruits averaging 3 inches long and 2½ inches through, bright green and turning red when ripe. The flesh is thick and mild. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50.

### HARRIS EARLY GIANT

**The Earliest Large Sweet Pepper.** The plants are vigorous and very productive. The Peppers average 4½ inches long and 3½ inches through, dark green, turning to brilliant red. The flesh is thick, meaty and mild. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50, postpaid.

**TOMATO-SQUASH or SUNNY-BROOK.** The fruits are Tomato shaped, about 2 inches in diameter, with very thick and extremely mild flesh. The deep



Harris Earliest

green fruits ripen to a bright red. Can be used in every way as a Pimiento Pepper. Pkt., 10c; oz., 50c.

**RUBY KING.** One of the most dependable and satisfactory mild varieties for both home and market gardens. Pkt., 10c; oz., 30c.

**RED CAYENNE.** Long, red hot. Pkt., 10c; oz., 40c.

Pepper and Celery  
**PLANTS**  
On Page 57

**Culture:** For early planting, sow indoors in February or March. One eighth inch of soil to cover seed is sufficient. Transplant indoors and set outside in late May, in rows 3 feet apart and 6 inches apart in the row. Celery requires enough water at all times so that its growth is not checked. Soil or boards may be used to blanch the stalks.

15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.50, postpaid.

**UTAH or SALT LAKE.** The best green Celery. Large, broad stalks with well developed heart, a good keeper, of fine nutty flavor. Largely used when green, but blanches quicker than most green sorts to a crisp pure white. Pkt., 10c; oz., 55c; ¼ lb., \$2.00, postpaid.

**GOLDEN SELF BLANCHING.** Dwarf Strain. Very popular because of earliness and ease of blanching. The stalks are thick, solid and sweet, blanching to a golden yellow. This is a fine home garden variety. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$2.00, postpaid.

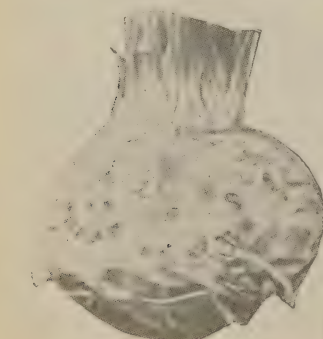
**WINTER QUEEN.** A very solid and crisp variety with double the amount of heart of any known celery. One of the very best keeping varieties. Pkt., 10c; oz., 55c; ¼ lb., 70c, postpaid.

**GIANT PASCAL.** A compact, vigorous sort, a good keeper and one of the best varieties for Fall and Winter. Pkt., 10c; oz., 50c; ¼ lb., \$1.70, postpaid.

## CELERY OR TURNIP-ROOTED CELERY — GIANT PRAGUE.

This is a celery of which only the root is used. Should be planted like other celery, but need not be banked. An excellent vegetable for use in soups, stews and sauces, as it imparts a delicious flavor. Is good boiled separately. Pkt., 10c; oz., 50c; ¼ lb., \$1.70, postpaid.

*I have been using Will's seeds ever since I have been married and wouldn't have any other. My husband also uses your seed corn.—Mrs. Marvin Grummons, Brook Park, Minn., R. 2.*

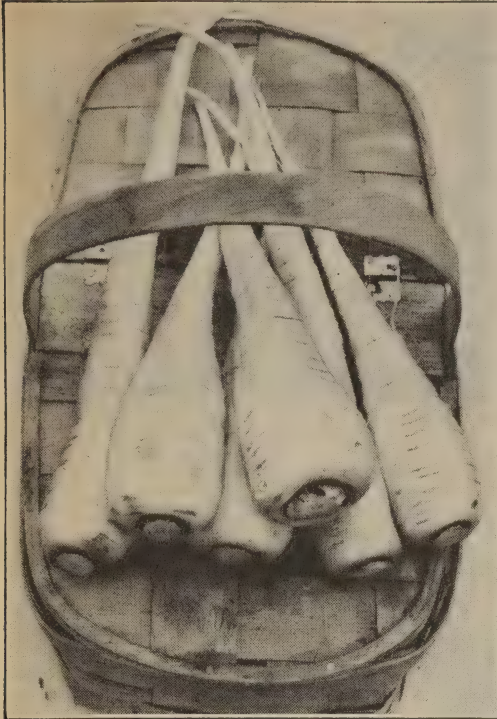


Celery or Turnip-Rooted Celery



Golden Plume





Improved Guernsey Parsnip

## PARSNIPS

**Culture.** Sow as early in spring as possible, in rows not less than 18 inches apart and about  $\frac{1}{2}$  inch deep. The ground should be deeply plowed and well cultivated. Thin to 4 inches apart in the row as soon as the plants are well started. A freeze improves the quality of the roots. About 1200 seeds to the packet. One ounce for 200 feet of drill; 4 to 5 pounds per acre.

**SHORT THICK.** The earliest Parsnip. Three inches thick at the shoulder and from 6 to 8 inches long, this fine quality sort is nearly a month earlier than any larger variety. Pkt., 7c; oz., 17c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.05; lb., \$2.00, postpaid.

### IMPROVED GUERNSEY or HOLLOW

**CROWN.** The best for general cultivation and a heavy yielder. About 3 inches thick at the shoulder and from 12 to 15 inches long, the smooth roots are fine grained, tender and sugary. Pkt., 6c; oz., 13c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 80c; lb., \$1.50, postpaid.

## PUMPKINS

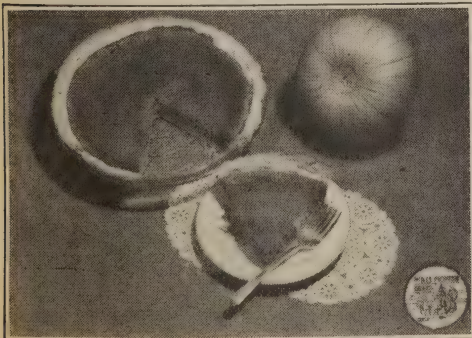
**Culture.** Plant in hills 6 to 8 feet apart, with 5 to 6 seeds in the hill, when the ground has become warm and the weather favorable, giving same cultivation as to melons. About 40 seeds to the packet. One ounce to 30 hills; 3 to 4 pounds per acre.

**EARLY CHEYENNE.** The One Pie Pumpkin. A very early, small, orange Pumpkin developed at the U. S. Great Plains Field Station, U. S. Department of Agriculture, at Cheyenne, Wyo. Thick meated, solid and uniform, of highest quality, this is about two weeks earlier than Sweet Sugar. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c, postpaid.

**CONNECTICUT FIELD or BIG TOM.** A solid, oblong, orange Pumpkin more planted with corn than any other variety and a heavy yielder. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; lb., 90c, postpaid.

### SWEET SUGAR or NEW ENGLAND

**PIE.** The Best Pie Pumpkin, earliest and best of the standard sorts and by far the sweetest. The pumpkins are round, slightly flattened, weighing 6 to 8 pounds apiece. The skin is a deep orange and the orange yellow flesh is thick, dry, fine grained and sweet. This is a very good keeper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 55c; 1 lb., \$1.00, postpaid.



Early Cheyenne

Sweet Sugar Pumpkin



**KING OF MAMMOTHS.** The giant among Pumpkins, weighing as high as 150 lbs. A bright golden yellow, fine grained and excellent for cooking. Pkt., 8c; oz., 13c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 75c; lb., \$1.40, postpaid.

**OMAHA.** A very early, oblong, orange, thick meated sort. This is a selection from seed obtained through Dr. Melvin Gilmore from the Omaha Indians. Of fair quality, its earliness is its outstanding characteristic and fits it for areas where Pumpkins could not otherwise be grown. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c, postpaid.

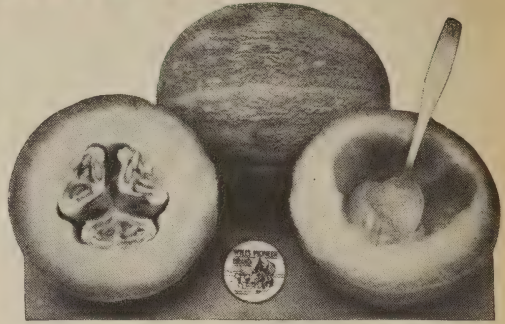
**FORT BERTHOLD.** The earliest Pumpkin, small, flattened and of good quality. Developed from seed obtained from the Mandan and Arikara Indians, it is very hardy. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c, postpaid.



## Early MUSKMELONS Hardy

**Culture.** When the ground has become warm, plant in hills about 5 feet apart each way, 8 to 12 seeds to the hill. When danger of insects is past, thin to 3 or 4 plants to the hill. Cultivate thoroughly throughout the season, not to exceed 2 inches deep. One ounce of seed to 75 hills; 2 to 3 pounds to the acre. About 125 seeds to the packet.

**EXTRA EARLY OSAGE.** One of the earliest salmon-fleshed varieties of quality and one of the best sorts grown. The oval fruit is dark green, slightly ribbed and gray netted, and is from a week to ten days earlier than the old Osage. The flesh is a rich orange-salmon, very thick, juicy and sweet, of very high quality. A grand sort for northwestern conditions; ideal for the home garden and a money maker for the market gardener. Pkt., 7c; oz., 17c; ¼ lb., 60c; ½ lb., \$1.05; 1 lb., \$2.00, postpaid.



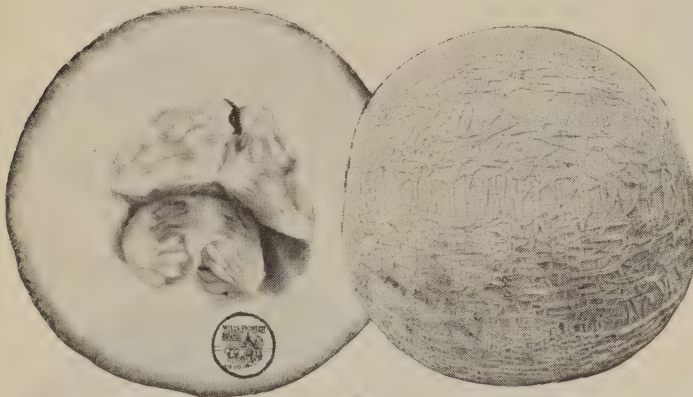
Extra Early Osage

## SUGAR ROCK or HONEY ROCK.

This is one of the most delicious melons and very productive. The medium-sized, round, heavily netted Melons are of uniformly fine quality with very thick, sweet, orange flesh. The most profitable market variety.

**DAKOTA STRAIN.** Our own selection of this fine Melon and a week to ten days earlier than the standard with equal yield and quality. Pkt., 10c; oz., 21c; ¼ lb., 75c; ½ lb., \$1.35; 1 lb., \$2.50, postpaid.

**STANDARD STOCK.** Pkt., 6c; oz., 15c; ¼ lb., 50c; ½ lb., 95c; 1 lb., \$1.75, postpaid.



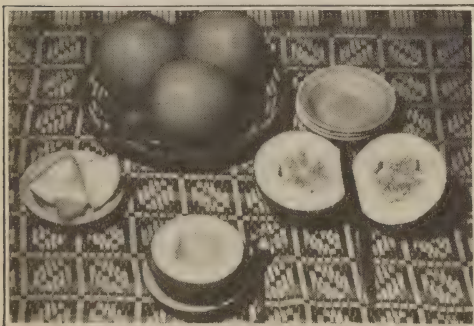
Sugar Rock or Honey Rock

**EXTRA EARLY KNIGHT.** The best green fleshed Muskmelon, medium sized, oval, distinctly ribbed and well netted. The flesh is fairly thick, juicy and very sweet, a medium green blending to a light pink near the center. We consider this productive sort one of the best for the Northwest. Pkt., 6c; oz., 15c; ¼ lb., 50c; ½ lb., 95c; 1 lb., \$1.75, postpaid.

**EMERALD GEM.** An extremely early sort. The fruit is a rich emerald-green. It is globular in shape and irregularly ribbed. The flesh is very thick, salmon colored, sweet and luscious. The vines are hardy and very prolific. One of the best Melons for home garden and local market. Pkt., 7c; oz., 17c; ¼ lb., 60c; ½ lb., \$1.05; 1 lb., \$2.00, postpaid.



Extra Early Knight



Oro Blanco

**ORO BLANCO.** A Persian or Casaba type Melon that will mature in the North. About five inches in diameter with golden skin, the white fleshed melons are delicious when dead ripe. Pkt., 10c; oz., 20c; ¼ lb., 65c, postpaid.

**EARLY TYE.** A very early melon, oval, medium sized, ribbed and somewhat netted, the orange flesh is thick and of fair quality. A good hardy and prolific home garden melon for the Northwest. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.50, postpaid.



## MUSKMELONS

### LAKE CHAMPLAIN or GOLD- EN CHAMPLAIN.

A very early variety, medium sized, round, heavily netted and moderately ribbed, with thick spicy orange flesh. A heavy yielding quality melon for home and market garden.

**CHIPMAN'S STRAIN.** Ten days earlier than the standard Lake Champlain and the earliest melon of good quality; developed by the late George F. Chipman, for many years editor of the Country Guide of Winnipeg, Canada. Pkt., 7c; oz., 17c; ¼ lb., 60c; ½ lb., \$1.05; 1 lb., \$2.00, postpaid.



Lake Champlain—Chipman Strain

**STANDARD STOCK.** Pkt., 6c; oz., 15c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.75, postpaid.

**HALE'S BEST.** The Earliest and Best of the Rockyford Type. The medium sized, nearly round melons are heavily netted. The deep orange flesh is very thick and of rich flavor. Pkt., 7c; oz., 17c; ¼ lb., 60c; ½ lb., \$1.05; 1 lb., \$2.00, postpaid.

## THREE NEW MUSKMELONS

**GOLDEN GOPHER.** A smooth, ribbed, oval, orange fleshed wilt resistant sort introduced by the Minnesota Agricultural Experiment Station. A melon of very high quality. Pkt., 10c; oz., 30c.

**NORMAN ROSS.** A large, early, orange fleshed netted melon developed at the Canadian Experiment Station at Indian Head, Sask. Pkt., 10c.

**WAZU (Hailstone).** Small, solid, thick meated, orange fleshed melon of exceptionally high quality. Pkt., 10c.

Three Packets, One of Each, 25c

**ZEPHYR.** An Early and Heavy Yielding Oval Orange Fleshed Melon developed by Dr. A. F. Yeager at the North Dakota Experiment Station. It is variable in type and quality, but a very heavy yielder. Pkt., 10c; oz., 25c; ¼ lb., 75c, postpaid.

**VINE PEACH (Vegetable Orange or Mango Melon).** This prolific fruit is the size of a medium orange, and is used for sweet pickles, preserves and pies. When cooked it is used in every way as a peach. Pkt., 10c; oz., 20c; ¼ lb., 60c, postpaid.

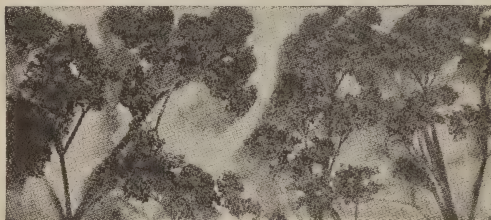
## PARSLEY

**CULTURE.** Soak the seed a few hours in lukewarm water and sow early in spring in drills at least one foot apart, covering the seed not more than one-half inch. It is rather slow to germinate. About 2,000 seeds to the packet.

**PARAMOUNT.** A very uniform variety with tightly and finely curled leaves of unusually rich dark green. This is an outstanding sort. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.

**CHAMPION MOSS CURLED.** Leaves beautifully curled, mosslike, of the richest green. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c, postpaid.

**TURNIP ROOTED.** The roots, instead of the tops, are used for soups and flavoring meats; gives richer flavor. Pkt., 5c; oz., 15c; ¼ lb., 40c, postpaid.



Moss Curled Parsley

## RHUBARB OR PIEPLANT

**MONARCH.** Ours is a good strain of long service and a standard sort. The leaf stalks, are numerous, from 15 to 30 inches long and full 2 inches wide. They are tender, fine of flavor and excellent for preserving. About 250 seeds to packet. Pkt., 5c; oz., 17c; ¼ lb., 60c; lb., \$2.00.



Rhubarb

## RHUBARB ROOTS

**CANADA RED.** The best Rhubarb. Red flesh and makes delicious red sauce. Each, \$1.60, postpaid. Not prepaid, \$1.50.

**McDONALD.** For picture and more complete description see Page 69. Very large, practically without seed stalks. Each, 35c; doz., \$3.50; postpaid, each, 40c; doz., \$4.00.

**EARLY SUNRISE.** Newest Canadian quality sort. F.O.B. here, each, \$2.00; postpaid, \$2.10.

**STANDARD.** A prolific strain of the old greenish fleshed sort. Each, 20c; doz., \$1.50; postpaid, each, 25c; doz., \$1.70.



# Will's Early WATERMELONS

**CULTURE.** When the ground has become warm, plant in hills 8 or 10 feet apart each way, 6 to 12 seeds in a hill; when danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly, about two inches deep, until the vines cover the ground. One ounce of seed for 30 hills; 3 to 5 pounds per acre.

**WILL'S SUGAR.** One of the sweetest and earliest melons, hardy, heavy yielding, and of very fine quality. This pioneer variety was introduced by us in 1888, and remains a favorite. The Melons are round, weigh from 6 to 10 pounds, are medium green, striped with dark green. The bright red flesh and small black seeds make a pleasing contrast. Not as large as Dakota Sweet, but holds its high quality longer when ripe. **The Watermelon for the Northwest.** Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.60, postpaid.

**FAVORITE HONEY.** Very early, productive, yellow fleshed sort from the Orient. This oval Melon is the sweetest we have ever tasted. Pkt., 10c; oz., 25c.

**KLONDIKE.** An early, high quality Melon. The skin is dark green, and the bright deep red flesh has no equal in eating qualities. The Melons weigh from 20 to 25 pounds. Pkt., 8c; oz., 15c; ¼ lb., 40c; ½ lb., 75c; 1 lb., \$1.35, postpaid.



Field View of Will's Sugar Watermelons



Cole's Early

**COLE'S EARLY.** One of the earliest and best, hardy, vigorous and a sure cropper. The blocky, oval Melons are medium sized with alternate dark and lighter green stripes. The delicious quality of the bright red flesh is sustained clear to the thin rind. This is one of the best sorts for northern gardens. Pkt., 5c; oz., 12c; ¼ lb., 40c; ½ lb., 65c; 1 lb., \$1.20, postpaid.

**ARIKARA.** The Earliest Watermelon. A sure and prolific producer of small Melons running from 7 to 12 inches in diameter with almost black skin. The pink flesh is sweet and pleasant, somewhat coarse and of fair quality. If you have trouble

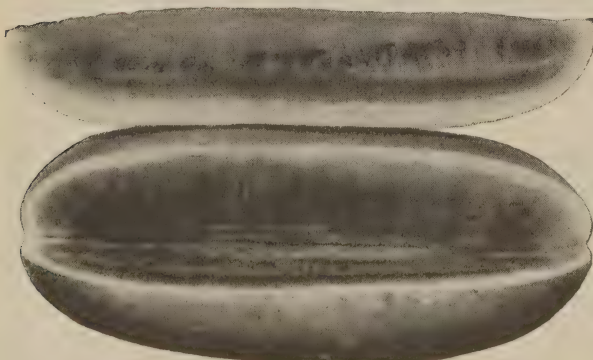
raising ripe Watermelons, try this one. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.60, postpaid.

**BUZA RED WINTER.** Small, round, fine keeping, light green striped melon with fine quality red flesh. Originally from Poland and very early. Pkt., 10c; oz., 20c; ¼ lb., 65c, postpaid.

**WINTER QUEEN.** A high quality, heavy yielder of medium size, round white skinned Melons with clear bright red flesh and black seeds. Fine at maturity, if stored in a cool, dry place will keep until Christmas. Pkt., 5c; oz., 12c; ¼ lb., 40c; ½ lb., 65c; 1 lb., \$1.20, postpaid.



Winter Queen



Kleckley Sweets

**RED RUSSIAN-EARLY KANSAS or RED HUTCHINSON.** A large, nearly round, early melon weighing up to 40 pounds. The skin is dark green with lighter striping, and the bright scarlet flesh is delicious. Pkt., 8c; oz., 15c; ¼ lb., 40c; ½ lb., 75c; 1 lb., \$1.35, postpaid.

**KLECKLEY SWEET or MONTE CRISTO.** One of the sweetest Watermelons, medium early, cylindrical, and tapering slightly toward the stem end, the Melons weigh up to 40 pounds. The skin is a very dark green and the rind is thin and tender. The flesh is bright red, crisp and very sweet. Pkt., 5c; oz., 12c; ¼ lb., 40c; ½ lb., 65c; 1 lb., \$1.20, postpaid.

**CITRON.** (Red Seeded.) A round, handsome fruit of small size, with white, solid flesh; it is used in making sweetmeats and preserves. Ours is the old standard strain. Pkt., 5c; oz., 13c; ¼ lb., 40c; ½ lb., 70c; 1 lb., \$1.30, postpaid.

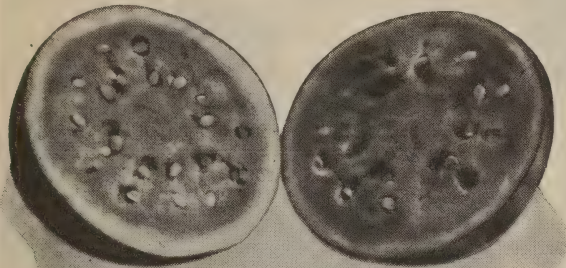


# WATERMELON

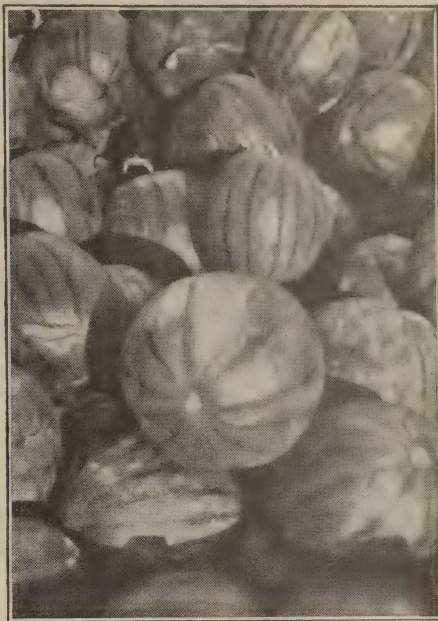
## DAKOTA SWEET

Early—Hardy—Fine Quality

If there is any better melon for the Northwest, we haven't seen it. Of Russian origin, its outstanding qualities caught the eyes of Professor A. F. Yeager. Though similar to Northern Sweet, we regard it as superior. The melons weigh from 9 to 14 pounds; the thin rind is medium green with darker stripes; and the flesh is bright red, crisp and very sweet. A heavy cropper and very early, ripening in 9 to 10 weeks. Melons should be picked as soon as ripe. Pkt., 10c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.05; 1 lb., \$2.00, postpaid.



Dakota Sweet Watermelon



Looking down on a 3 ton truckload of Dakota Sweets from our nursery

*"Your Dakota Sweet Watermelons are the best we ever had and the only kind that produced last year, through the dry weather.—T. M. Mittower, Republic, Ohio, Rte. 2, Seneca County."*

## ONION SETS

A planting of sets for green onions, delicious early boilers or fine bulbs for winter should be in every garden. We grow our own Bottom Onion Sets at Bismarck. One pound to 60 feet of row. Unless otherwise instructed, we shall hold Onion Sets until danger of freezing in transit is past. A bushel of Onion Sets is 32 lbs., except with Top Sets, which are 28 lbs. to the bushel. Price, ½ peck and over, subject to change.

### YELLOW BOTTOM ONION SETS.

Fine for green Onions, these are surer to form large Onions than any other sets. The quality is superior and the yield is larger. 1 lb., 36c; 4 lbs., \$1.10, postpaid. Not prepaid, peck, \$1.80; ½ bu., \$3.40; bu., \$6.50.

**WHITE BOTTOM SETS.** Milder than the yellow or red sorts and preferred by some on account of their color. 1 lb., 36c; 4 lbs., \$1.10, postpaid. Not prepaid, peck, \$1.80; ½ bu., \$3.40; bu., \$6.50.

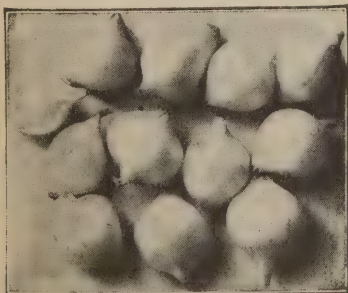
**RED BOTTOM SETS.** Fine, well cured sets. 1 lb., 36c; 4 lbs., \$1.10, postpaid. Not prepaid, peck, \$1.80; ½ bu., \$3.40; bu., \$6.50.

**TOP or WINTER ONION SETS.** Perennial. Live in the ground all winter and start very early in the spring. 28 lbs. to the bushel. 1 lb., 36c, postpaid. Not prepaid, peck (7 lbs.), \$1.80; bu., \$6.50.

**MULTIPLIER ONIONS.** Also called Bunch Onions or Potato Onions, and very mild. Excellent for early spring Onions. 1 lb., 38c, postpaid. Not prepaid, peck, \$2.00; bu., \$7.00.

## GARLIC

**BAVARIAN.** Lb., 40c; 5 lbs., \$1.60, postpaid.



White Bottom Sets



## BERMUDA ONION PLANTS

Sown early in the South and plants lifted to produce Onions of Bermuda quality in northern gardens. We include cultural directions with each purchase. We can furnish Sweet Spanish, Yellow Bermuda and White Bermuda (Crystal Wax) plants. Sweet Spanish does best here and we shall ship that variety unless otherwise instructed. Package of 85 to 125 plants, 33c; 500 plants, \$1.20; 1,000 plants, \$2.20, postpaid. Crate of 6,000 plants, not prepaid, \$8.50.



## WILL'S PIONEER BRAND ONION SEED

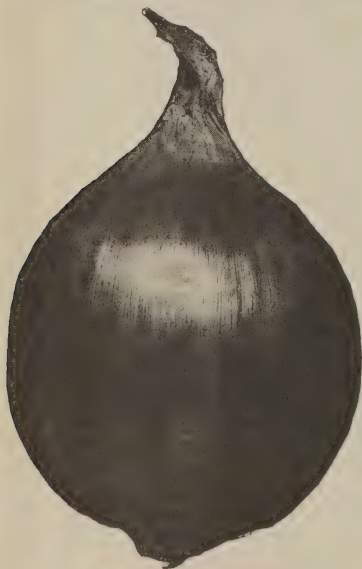
**Culture:** Sow as early in spring as ground can be worked, in rows not less than 15 inches apart, covering  $\frac{1}{2}$  inch deep. One ounce for 300 feet of row, 4 to 5 pounds to the acre.



Montana White Portugal or Silverskin

**SOUTHPORT WHITE GLOBE.** This attractive, pure white, thin-skinned globe Onion commands the highest market price. Our selected strain keeps well, is firm, fine-grained and of mild flavor. Pkt., 13c; oz., 50c;  $\frac{1}{4}$  lb., 1.70;  $\frac{1}{2}$  lb., \$3.15; 1 lb., \$6.00, postpaid. Not prepaid, 5 lbs., \$29.00.

**WELSH WINTER** (Perennial). Plant this variety to get the earliest green onions. Seed may be sown either in Spring or Fall. This variety does not make large bulbs but is used only for green onions. The plants are perennial, live in the ground for years, and are absolutely hardy. This is a money-maker for the market gardener. Pkt., 10c; oz., 41c.



Yellow Globe Danvers

### MONTANA WHITE PORTUGAL or SILVERSKIN.

**The All Around Onion.** The most widely used and best keeping white Onion. Medium sized, flat, hard and fine grained Onion of mild flavor and clear white skin. It is popular for sets, picklers, green bunching and for fall and early winter use. We plant this seed for our white Onion Sets. Our seed has been grown for us by the same Montana grower for many years and is of exceptionally high germination and purity. Pkt., 7c; oz., 47c;  $\frac{1}{4}$  lb., \$1.55;  $\frac{1}{2}$  lb., \$2.90; 1 lb., \$5.50, postpaid. Not prepaid, 5 lbs., \$26.50.



Red Wethersfield

**RED WETHERSFIELD.** One of the oldest and best strains, a sure and heavy yielder. It is early, yet a splendid keeper. The bulbs are large, flat and a deep purplish red. The flesh is pinkish white and fairly mild. It is a favorite on poor or dry soils. Pkt., 10c; oz., 41c;  $\frac{1}{4}$  lb., \$1.35;  $\frac{1}{2}$  lb., \$2.50; 1 lb., \$4.75, postpaid. Not prepaid, 5 lbs., \$22.75.

**MOUNTAIN DANVERS.** A very early strain of Yellow Globe, not quite as large and a bit more flat than Yellow Globe Danvers, but two weeks earlier and a remarkable keeper. The white flesh is fine grained, sweet and mild. Pkt., 12c; oz., 47c;  $\frac{1}{4}$  lb., \$1.55;  $\frac{1}{2}$  lb., \$2.90; 1 lb., \$5.50, postpaid. Not prepaid, 5 lbs., \$26.50.

**YELLOW GLOBE DANVERS.** This is a standard variety for winter use in all markets. Its skin is a rich orange-yellow; the flesh is pure white, crisp and mild in flavor. It is a dependably heavy yielder and because of its small neck cures well and makes splendid storage stock. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.30;  $\frac{1}{2}$  lb., \$2.40; 1 lb., \$4.50, postpaid. Not prepaid, 5 lbs., \$21.50.

For Onion Plants See  
Page 35

**The Best Seeds Produce More Food for Victory**



## WILL'S ONION SEED

### WILL'S DAKOTA GLOBE.

**The Money Making Onion.** We believe this to be the best strain of Southport Yellow Globe, the most popular and most largely grown yellow Onion. It is early, productive, uniform in its rich yellow color, small necked and an exceptionally fine keeper. The creamy white flesh is fine grained, crisp, fairly mild and of excellent flavor. One of the best sorts for the Northwest. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.30;  $\frac{1}{2}$  lb., \$2.40; 1 lb., \$4.50, postpaid. Not prepaid, 5 lbs., \$21.50.

**AUSTRALIAN BROWN.** Very early and a wonderful keeper. A heavy yielder and a sure cropper, the Onions are of medium size, slightly flattened, with reddish brown skin and crisp, white flesh. The flavor is rather strong. This is a desirable home garden variety. Pkt., 10c; oz., 41c;  $\frac{1}{4}$  lb., \$1.35;  $\frac{1}{2}$  lb., \$2.50; 1 lb., \$4.75, postpaid. Not prepaid, 5 lbs., \$22.75.



Will's Dakota Globe

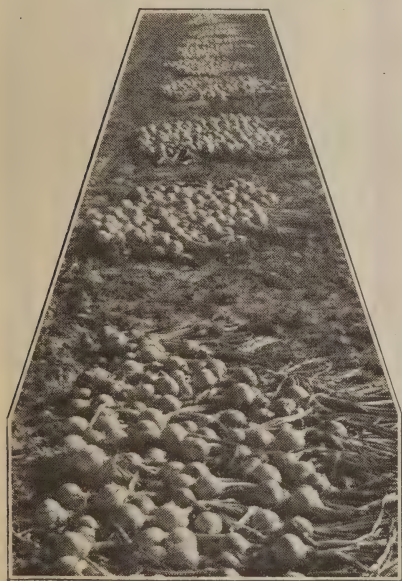
**EARLY GRANO.** The earliest Sweet Spanish type Onion. A slightly top shaped globe Onion, not quite as large, but at least two weeks earlier than Riverside Sweet Spanish. With straw colored skin and white flesh, it is mild, very sweet and a fair keeper. Pkt., 15c; oz., 75c;  $\frac{1}{4}$  lb., \$2.70;  $\frac{1}{2}$  lb., \$5.15;

1 lb., \$10.00, postpaid. Not prepaid, 5 lbs., \$49.00.

**SWEET BERMUDA.** A medium size Onion, flat, very early and in no sense a keeper. The skin is a light straw color and the white, crisp flesh is very mild and sweet. Pkt., 15c; oz., 65c;  $\frac{1}{4}$  lb., \$2.20;  $\frac{1}{2}$  lb., \$4.15; 1 lb., \$8.00, postpaid. Not prepaid, 5 lbs., \$39.00.

### SWEET SPANISH or VALENCIA-UTAH STRAIN

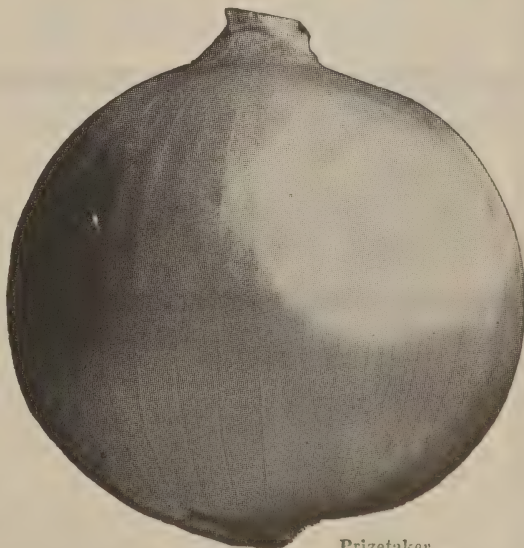
Earlier, milder and a much better keeper, this is a decided improvement over the Riverside Strain. One of the largest and finest of Onions, nearly globular, with golden yellow skin and white flesh, it is especially prized for its mildness and delicacy of flavor. Pkt., 14c; oz., 55c;  $\frac{1}{4}$  lb., \$1.85;  $\frac{1}{2}$  lb., \$3.50; 1 lb., \$6.75, postpaid. Not prepaid, 5 lbs., \$32.75.



Utah Sweet Spanish Onions grown by Wm. Borden, Mandan, N. Dak.

**PRIZETAKER.** One of the largest and mildest onions grown. It is productive and a sure cropper. The thin skin is a bright straw-yellow and the flesh is pure white. Our strain grows always to a perfect globe shape, the bulbs sometimes attaining a weight of 2 pounds. Pkt., 15c; oz., 60c;  $\frac{1}{4}$  lb., \$2.00;  $\frac{1}{2}$  lb., \$3.80; 1 lb., \$7.25, postpaid. Not prepaid, 5 lbs., \$35.25.

**NEW QUEEN.** This is a small, rapid growing, mild and sweet small white onion used extensively for pickling and the table. Pkt., 15c; oz., 58c;  $\frac{1}{4}$  lb., \$1.95;  $\frac{1}{2}$  lb., \$3.65; 1 lb., \$7.00, postpaid.



Prizetaker



# Will's Choicest Garden Peas

**Culture:** Sow early in spring in rows not less than 20 in. apart, covering 1½ to 2 inches deep. The smooth seeded sort, of which we list First of All and Alaska, will stand earlier seeding than the wrinkled seeded varieties. For freezing, plant Alderman, Laxton's Progress or World's Record. One pound will sow 100 feet of row. Inoculate all legumes with Nitragin—see Page 60.



## FIRST OF ALL or EARLY JUNE

This is the largest podded of the extra early varieties and a most profitable market sort.

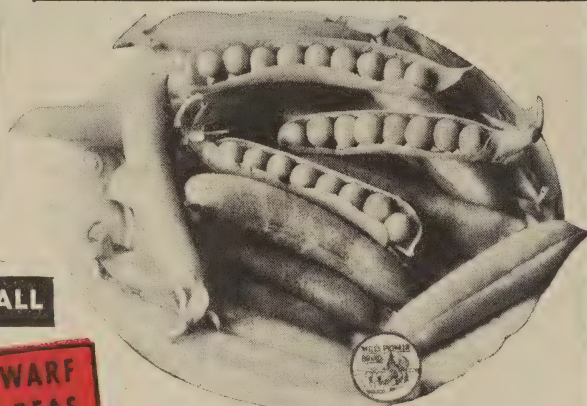
The semi-smooth seed may be sown 2 weeks earlier than the wrinkled seeded sorts. The vines grow from 30 to 36 inches high. The deep green pods are square ended and 4 inches long, containing 7 Peas to the pod. This is a very heavy and even cropper. ¼ lb., 14c; ½ lb., 23c; 1 lb., 39c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.30; 20 lbs., \$4.40; 100 lbs., \$20.00.

## EARLY VARIETIES

## ALASKA

This standard hardy and

early variety is much used for canning and home gardening. The vines grow 30 inches tall. The light green pods are 2½ inches long, square ended and contain from 5 to 8 Peas to the pod. ¼ lb., 13c; ½ lb., 22c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.10; 10 lbs., \$2.10; 20 lbs., \$4.00; 100 lbs., \$18.00.



## FIRST OF ALL

## EARLY DWARF or BUSH PEAS

## WORLD'S RECORD

## WORLD'S RECORD or IMPROVED GRADUS

This is one of the earliest of the wrinkled seeded, large-podded varieties. The vines are from 2 to 2½ feet tall, produce abundantly and bear throughout the season. The pods are 4 inches long, containing from 7 to 9 large deep green Peas. It is the market gardener's favorite. ¼ lb., 14c; ½ lb., 23c; 1 lb., 39c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.30; 20 lbs., \$4.40; 100 lbs., \$20.00.

## AMERICAN WONDER or NOTT'S EXCELSIOR

The earliest of the dwarf wrinkled varieties. The vines are about a foot high and very prolific. The pods are light

green, blunt, about 3 inches long and contain 6 to 7 medium sized Peas. A very popular and profitable home garden sort. ¼ lb., 14c; ½ lb., 23c; 1 lb., 39c, postpaid. Not prepaid, 5 lbs., \$1.18; 10 lbs., \$2.25; 20 lbs., \$4.30; 100 lbs., \$19.50.

## RADIO

A very early, high yielding fine quality Pea. The dwarf vines grow 15 inches tall, loaded with medium sized pods that average 6 large bright green Peas to the pod. ¼ lb., 15c; ½ lb., 26c; 1 lb., 43c, postpaid. Not prepaid, 5 lbs., \$1.40; 10 lbs., \$2.70; 20 lbs., \$5.20; 100 lbs., \$24.00.

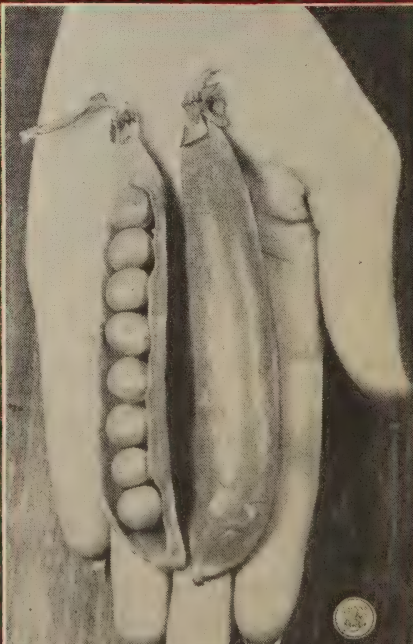
## NITRAGIN

Garden Size, will treat up to 6 lbs. Price postpaid. See page 60.

# 10c

## LITTLE MARVEL

One of the earliest of the wrinkled seeded sorts and one of the best and most satisfactory for the home garden because of its exceptional quality and yield. Remains in prime picking condition a week longer than most sorts. The vines are 18 inches high. The dark green, blunt ended 3 inch pods contain from 7 to 8 dark green peas, very tender and sweet. ¼ lb., 14c; ½ lb., 24c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.23; 10 lbs., \$2.35; 20 lbs., \$4.50; 100 lbs., \$20.50.



## LITTLE MARVEL



**DWARF PEAS—Continued****LAXTON'S PROGRESS**

The largest podded and most attractive of the early dwarf varieties. The vines are 16 to 18 inches high; the handsome dark green pods are 4 to 4½ inches long, with 7 to 9 extra large peas of superior quality to the pod. This productive sort should be in every home and market garden. ¼ lb., 14c; ½ lb., 24c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.40; 20 lbs., \$4.60; 100 lbs., \$21.00.

**McLEAN'S LITTLE GEM  
or PREMIUM GEM**

An early dwarf Pea of delicious flavor, excellent for family use. The vines are about 18 inches in height and produce an abundance of medium green, plump, blunt ended pods 2¾ inches long, with 6 to 7 Peas to the pod. This is an old tried and proven favorite. ¼ lb., 14c; ½ lb., 23c; 1 lb., 39c, postpaid. Not prepaid, 5 lbs., \$1.18; 10 lbs., \$2.25; 20 lbs., \$4.30; 100 lbs., \$19.50.

**Laxton's  
Progress****McLean's  
Little Gem****MAIN CROP VARIETIES**

**BLISS EVERBEARING.** Prolific and bearing over a very long period. It grows to a height of 2½ feet. The medium green pods are plump and blunt ended and contain from 6 to 8 large sweet Peas. A justly popular home garden variety. ¼ lb., 13c; ½ lb., 22c; 1 lb., 38c, postpaid. Not prepaid, 5 lbs., \$1.13; 10 lbs., \$2.15; 20 lbs., \$4.10; 100 lbs., \$18.50.

**ALDERMAN.** The best tall variety and the pick of the Telephone type. The vines are about 4 feet tall; the pods are from 4½ to 5½ inches long, carrying 8 to 10 very large Peas to the pod. This is the standard of high quality and an abundant yielder. ¼ lb., 15c; ½ lb., 26c; 1 lb., 43c, postpaid. Not prepaid, 5 lbs., \$1.40; 10 lbs., \$2.70; 20 lbs., \$5.20; 100 lbs., \$24.00.

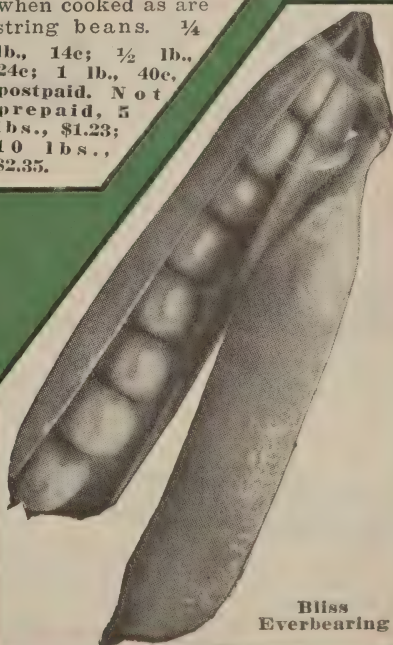
**LINCOLN.** Known in Canada as **Homesteader.** A very productive Pea of fine quality recommended for mid-season by the North Dakota Experiment Station. The vines grow 2 feet tall. The pods run from 3¼ to 3¾ inches long, containing from 6 to 8 medium green Peas of fine quality. One of the best yielders. ¼ lb., 13c; ½ lb., 23c; 1 lb., 38c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.20; 20 lbs., \$4.20; 100 lbs., \$19.00.

**DWARF TELEPHONE or DAISY.** A fine home and garden sort with vines growing 28 inches tall. The dark green pods are 5 to 6 inches long and contain from 7 to 9 peas. The flavor and quality are excellent. ¼ lb., 15c; ½ lb., 26c; 1 lb., 43c, postpaid. Not prepaid, 5 lbs., \$1.40; 10 lbs., \$2.70; 20 lbs., \$5.20; 100 lbs., \$24.00.

**DWARF GRAY SUGAR**

Height 2 feet. The pods are 3 inches long, curved and blunt, plump and fleshy. This sort is moderately early and very prolific. The pods are picked when the Peas are forming and are delicious when cooked as are string beans. ¼

lb., 14c; ½ lb., 24c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.23; 10 lbs., \$2.35.

**Bliss  
Everbearing**



# Will's Northern Grown RADISH SEED

## WILL'S EARLY CARMINE



**Culture.** For early use the seed may be sown in hotbed. For open ground culture, sow in the Spring as soon as the ground can be worked in drills 10 to 12 inches apart. Sow every two weeks for a succession.

Our old reliable extra early sort which has so long been the favorite throughout the Northwest. A bright carmine in color, almost round in shape, very early, mild and lasts well for an early sort; crisp and tender. Pkt., 5c; oz., 12c; ¼ lb., 38c; ½ lb., 65c; 1 lb., \$1.15, postpaid.



## SAXA

**The Earliest Radish.** The round, bright, scarlet roots are ready for the table 20 days after sowing. The tops are small and the quality high. We have a fine stock of this variety. Pkt., 5c; oz., 13c; ¼ lb., 40c; ½ lb., 73c; 1 lb., \$1.30, postpaid.

## GIANT BUTTER



**Largest of the early Radishes,** it will reach a weight of 3½ ounces without becoming pithy. It retains its crispness and mild flavor longer than any other sort in our trials. Pkt., 10c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.10; 1 lb., \$2.00, postpaid.

There is no comparison between South-ern Grown Radish Seed and our North-ern Grown Stocks.

## CRIMSON GIANT GLOBE



An extremely large, globe shaped, deep crimson Radish of superior quality, and standing very long before becoming pithy. The white flesh is solid, crisp and mild. One of the best sorts for outdoor culture. Pkt., 5c; oz., 12c; ¼ lb., 38c; ½ lb., 65c; 1 lb., \$1.15, postpaid.

## FIREBALL

**NON PLUS ULTRA.** An early round Radish of bright scarlet color and pure white flesh; crisp, tender and of finest flavor. It has few and short leaves, permitting close planting. Very desirable for the home garden and a money maker for the market gardener. Pkt., 5c; oz., 13c; ¼ lb., 40c; ½ lb., 73c; 1 lb., \$1.30.

## WHITE STRASBURG

One of the best large, white late Summer sorts for home garden and market. The roots are about 5 inches long, thick at the shoulder and abruptly tapering. Pkt., 5c; oz., 14c; ¼ lb., 45c; ½ lb., 78c; 1 lb., \$1.40, postpaid.

This popular turnip shaped Radish is the earliest white sort and ready for table in 25 days from sowing. Pure white, tender, crisp and mild. Pkt., 5c; oz., 12c; ¼ lb., 40c; ½ lb., 68c; 1 lb., \$1.20, postpaid.



## MODEL BOX



# RADISH SEED

## SPARKLER

**Improved Scarlet Turnip White Tipped.** This extra early strain is perhaps the most attractive Radish we have. The color is rich carmine-scarlet with well defined tip of purest white. The flesh is solid and crisp, and remains fit for use as long as some of the coarser varieties. Largely grown by market gardeners both because of its earliness and its quality. Pkt., 5c; oz., 12c; ¼ lb., 38c; ½ lb., 65c; 1 lb., \$1.15, postpaid.



Sparkler

## EARLY SCARLET GLOBE

The market gardener's variety. One of the earliest forcing Radishes and does equally well outside. The bright scarlet roots are fair sized, globe-shaped and with very small top. We have as good a stock of this superb variety as is grown. Pkt., 5c; oz., 12c; ¼ lb., 38c; ½ lb., 65c; 1 lb., \$1.15, postpaid.

## FRENCH BREAKFAST

An oblong, very crisp and quick growing Radish, in color a bright rose-scarlet with white tip. It is very early, of fine quality, a great favorite on the market and unexcelled for the home garden. Pkt., 5c; oz., 12c; ¼ lb., 38c; ½ lb., 65c; 1 lb., \$1.15, postpaid.



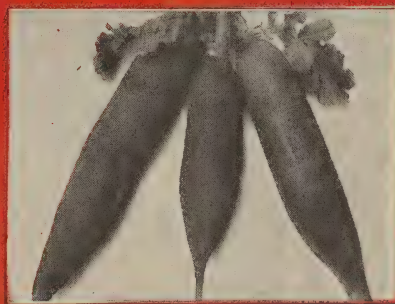
French Breakfast

## CHINA ROSE WINTER

One of the very best Winter Radishes. The roots are cylindrical and blunt at both ends. The skin is bright, deep rose color and the flesh white and very crisp. Pkt., 5c; oz., 12c; ¼ lb., 38c; ½ lb., 65c; 1 lb., \$1.15, postpaid.

## BLACK SPANISH WINTER

One of the latest as well as the hardiest of Radishes. The skin is black and flesh white, solid, crisp and pungent. Keep well all Winter. Pkt., 5c; oz., 12c; ¼ lb., 40c; ½ lb., 68c; 1 lb., \$1.20, postpaid.



Black Spanish Winter



White Icicle

## WHITE ICICLE

Sometimes called Ladyfinger. The best early pure white Radish and the most crisp and tender of all Radishes. The handsome white roots are 6 inches long, tender, brittle, juicy and agreeably snappy, preserving these qualities longer than the red sorts. Pkt., 5c; oz., 12c; ¼ lb., 38c; ½ lb., 65c; 1 lb., \$1.15, postpaid.

**A GOOD GARDEN ALWAYS PAYS**



## PEANUTS

**SPANISH. Earliest Variety Grown.** Pods are small, but remarkably solid and well filled. Sow in drills 3 feet apart, placing the nuts 3 to 10 inches apart to allow for bushy habit of the plants. Pkt., 10c;  $\frac{1}{4}$  lb., 16c;  $\frac{1}{2}$  lb., 27c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.30.

## SPINACH

**CULTURE:** Sow in early spring, in rows not less than 12 inches apart, covering not more than one inch deep. Sow 2 weeks apart for succession. One ounce for 100 feet of row.



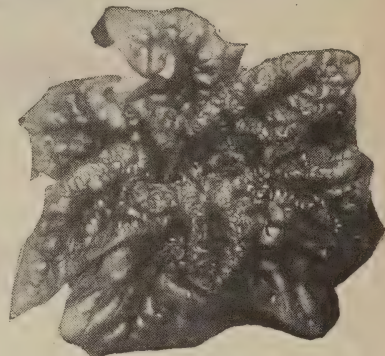
Bloomsdale Spinach

The standard extra early Spinach for home and market garden. The leaves are large, glossy deep green, blistered and crumpled. A heavy yielder. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; 1 lb., 75c, postpaid.

**KING OF DENMARK.** This variety is very slow to run to seed. The plants are early, vigorous and productive, and bushy in habit. The rounded leaves are crumpled, blistered, and a deep green in color. Probably the best sort for Northwestern conditions. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1 lb., 85c, postpaid.

**NEW ZEALAND.** Not a true Spinach, this variety thrives in hot, dry weather. As the leaves are picked off, new shoots appear and yield a continuous supply of greens throughout the summer. 125 seeds to the packet. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 80c;  $\frac{1}{2}$  lb., \$1.50; 1 lb., \$2.75, postpaid.

**PRINCESS JULIANA.** A long standing spinach, very slow to bolt to seed and a most attractive sort. The leaves are large and rounded, thick, very much blistered and crumpled, and of an intense, very dark green color. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 55c; 1 lb., 90c, postpaid.

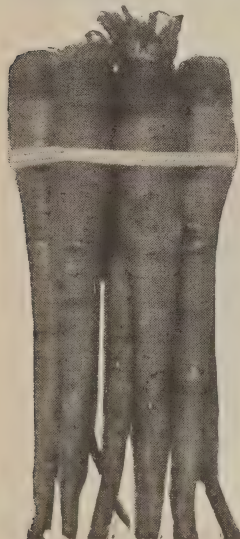


King of Denmark

## SALSIFY or OYSTER PLANT

**CULTURE:** Sow as early as the ground can be worked, in drills 12 to 15 inches apart, one inch deep. One ounce to 100 feet of drill. About 180 seeds to the packet.

**MAMMOTH SANDWICH ISLAND.** This is the best type of Salsify or Vegetable Oyster. The roots are very large, smooth and of fine quality and delicious flavor. Pkt., 8c; oz., 18c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.10; 1 lb., \$2.00, postpaid.



Salsify

**GARDEN  
FOR  
VICTORY**

## SQUASH

**DAKOTA.** Professor A. F. Yeager's cross between Table Queen and Mandan Squash. Top shaped, with dark green skin and pale orange flesh, Dakota is much earlier and more prolific than Table Queen and should be used in the same way. Pkt., 10c; oz., 25c.

**EARLY MANDAN SQUASH.** The Very Earliest Squash. This wonderful little Squash, obtained by us from the Mandan Indians, will ripen anywhere, notably in the Montana mountains, where squashes had never been grown before. It is hardy, drought resistant, and of fair quality. Pkt., 8c; oz., 14c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 85c; 1 lb., \$1.50, postpaid.

**EARLY PROLIFIC STRAIGHTNECK.** A very heavy yielding, lemon yellow Squash—one of the best of the summer sorts. Pkt., 8c; oz., 14c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 85c; 1 lb., \$1.50, postpaid.

**GIANT SUMMER CROOKNECK.** A variety early as common Crookneck and much larger, frequently two feet long. It is heavily warted, of bright golden color, brittle and tender. Pkt., 5c; oz., 14c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 85c; 1 lb., \$1.50, postpaid.

**MAMMOTH WHITE BUSH.** Cymling or Patty Pan. A very early Summer squash. It is flattened and scalloped, comparatively smooth on the surface and creamy white in color. The flesh is thick and very fine in quality. Pkt., 5c; oz., 14c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 85c; 1 lb., \$1.50, postpaid.



Table Queen

**TABLE QUEEN—DES MOINES or ACORN.**

The Individual Squash. A small, very productive, acorn-shaped variety, averaging  $1\frac{1}{2}$  pounds. The thin shell is ribbed and very dark green in color. The orange yellow flesh is thick and of excellent quality. A good keeper. Squash of this variety may also be used as summer squash if picked when half grown. Pkt., 8c; oz., 15c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.75, postpaid.

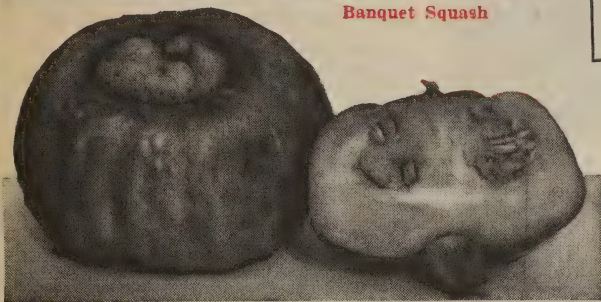
**ITALIAN MARROW—COCOZELLE.** The most delicate and finest flavored Summer squash. Of compact bush growth, the vines yield heavily of fruit averaging 14 inches long and 5 inches in diameter, dark green in color with the yellow and green stripings. Used when 10 inches long and perfectly green. Pkt., 8c; oz., 14c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 80c; 1 lb., \$1.50, postpaid.



# Early and Hardy Varieties Will's Winter Squashes



**Banquet Squash**



**Culture:** One ounce to 30 hills, Summer, and one ounce to 15 hills, Winter varieties. Plant at same time as cucumbers and melons, in hills 3 to 4 feet apart for Summer sorts and 7 to 8 feet apart for the Winter varieties. About 45 seeds to the packet of Winter Squash and 70 to the packet of Summer Squash.

*The Banquet Squash from seed we got from you last year were a great success. They were very sweet and dry. No one here had ever heard of them.—G. G. Clark, Junction City, Ore., R. 2.*

**BANQUET.** A golden squash, the result of our cross between Buttercup and Gilmore, earlier and more prolific than Buttercup with Buttercup shape, thick dry orange flesh and fine quality. We raised many tons of Banquet Squash in 1941. We're proud of this one. Pkt., 8c; oz., 15c; ¼ lb., 45c; ½ lb., 85c; 1 lb., \$1.50, postpaid.

**RED or GOLDEN HUBBARD.** Similar to Improved Hubbard except for its orange-red color, but slightly smaller and decidedly earlier. The flesh is deep orange, dry and of splendid quality. A superior table variety and an excellent keeper, this is a fine variety for the home garden. Pkt., 8c; oz., 17c; ¼ lb., 60c; ½ lb., \$1.05; 1 lb., \$2.00, postpaid.

**IMPROVED HUBBARD.** The Standard Winter Squash. More extensively grown than any other variety. The fruits are large, heavy and moderately warted. The shell is a dark bronze-green; flesh a deep orange yellow, fine grained, dry and sweet. Its quality is the standard of excellence. Pkt., 6c; oz., 15c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.60, postpaid.

**Improved Hubbard**



**Buttercup Squash**



**BUTTERCUP.** Originated in North Dakota by Professor A. F. Yeager. The squashes weigh between 3 and 5 pounds with thin, tough green skin. There is no fibrous section and the thick, rich orange flesh has no tinge of green. It is a good keeper with very little waste in cooking. The flavor is sweet and fine; the texture smooth and dry. A fine squash and our seed is the best obtainable. Pkt., 8c; oz., 17c; ¼ lb., 60c; ½ lb., \$1.05; 1 lb., \$2.00, postpaid.

**ARIKARA.** If you want the earliest large Winter Squash, the squash that will set fruit and outyield all others under drought conditions, plant the Arikara. The shell is salmon, varied with blue green; flesh orange tinged with green near the shell, of firm texture and fair quality. It is a wonderful keeper. Pkt., 8c; oz., 17c; ¼ lb., 60c; ½ lb., \$1.05; 1 lb., \$2.00, postpaid.

*Please send me your seed catalog as I want to order my seeds early this year and have had the best of success with your seeds.—Mrs. Lotta I. Pike, 59 High St., Bridgton, Maine.*

**Your 1943 Garden  
Will Pay Big Dividends  
with Will's Seeds**



**Arikara**



**Culture.** Sow in hotbed or shallow boxes in the house in early Spring, allowing 8 to 10 weeks from sowing indoors to setting in open ground; when plants are large enough, transplant into hotbed or boxes and when all danger from frost is past transplant into open ground, about four feet apart each way. About 600 seeds to the packet.

## Will's Early VICTOR



Victor

Bronze Medal winner, All-America Selections for 1941. A fine contribution by Dr. A. F. Yeager to Tomato Progress. Brought out at the Michigan State College. This is a cross between Allred and Break O'Day. In Victor are combined the determinate or self-pruning habit of Allred and Bison, the earliness and uniform color of Allred, and the smoothness of Break O'Day. The somewhat flattened fruits are a desirable red in color, very fleshy and resist cracking. Market quality is very high and culls few. If you want earliness, high quality and yield, try Victor. Pkt., 10c; ½ oz., 30c; oz., 50c;

¼ lb., \$1.65; ½ lb., \$3.00; 1 lb., \$5.50, postpaid.



Millet's Dakota

**MANDAN EARLIANA.** Developed for drought resistance, quality and yield by the Bureau of Plant Industry, Division of Dry Land Agriculture, Northern Great Plains Field Station, Mandan, N. Dak. During dry weather this variety holds its fruit size and yield better than any other sort. Early, bright scarlet in color, and very meaty, we recommend this variety for the Great Plains. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00, postpaid.

### MILLET'S DAKOTA. The hardiest, most drought resistant early

**Tomato.** Originated by the late John W. Millet of Bismarck, and introduced by us in 1913, it is as early as the earliest strain of Earliana. The fruit is medium sized, smooth, and rich deep scarlet, of high quality. Under unfavorable conditions we believe it will outyield other varieties and we have been surprised at its amazing performances under irrigation. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.40, postpaid.



Strawberry or Ground Cherry

**GROUND CHERRY. HUSK or STRAWBERRY TOMATO.** Not a true Tomato, the round yellow fruits are half an inch in diameter, enclosed in thin paper-like husks. A heavy yielder, very sweet, and used mostly for pies and preserves. Pkt., 10c; ½ oz., 30c; oz., 50c, postpaid.

### WONDERBERRY — GARDEN HUCKLEBERRY.

Not a true Huckleberry, but belonging to the same family as do Tomatoes, Eggplant, and Pepper, this is very productive of round, nearly black fruits, but little smaller than a Concord Grape. These fruits when fully ripe make excellent pies, preserves, and jam. Pkt., 10c; oz., 50c.



Orange King

**ORANGE KING.** For colored picture see inside front cover. A midseason bright orange Tomato developed by Dr. A. F. Yeager, now of the University of New Hampshire. A heavy yielder, the fruits are a little larger than those of Victor. The interior color is also a bright orange, much more attractive than ordinary yellow Tomatoes, and the juice is much the color of orange juice. Tests indicate a higher vitamin content than that of red varieties. Pkt., 15c.

**JOHN BAER.** Slightly earlier than Bonny Best, a heavy yielder of smooth, firm, medium sized, flattened globe shaped, scarlet fruits. Pkt., 8c; oz., 35c; ¼ lb., \$1.00, postpaid.

**MARGLOBE.** An all-purpose, midseason Tomato developed by the U. S. Department of Agriculture. The fruits are medium large, nearly globular, smooth and solid. This variety is resistant to wilt. Pkt., 8c; oz., 35c; ¼ lb., \$1.00, postpaid.



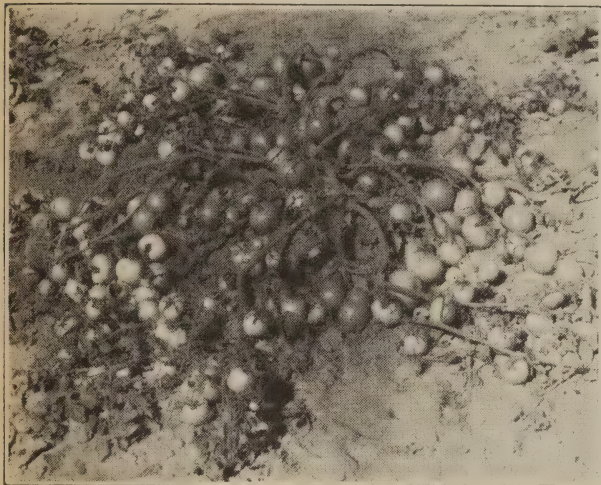
# Hardy Tomatoes

The Tomato for **BISON** Northern Gardens

We were the first concern to grow and list this fine Tomato originated by Professor A. F. Yeager at the North Dakota Experiment Station. It is self-pruning or determinate in growth. In place of wasting its vitality in continuous branching as do practically all other Tomatoes, **Bison** grows a compact plant and puts all its energies into producing and ripening a heavy and extra early crop of solid, meaty, medium sized red Tomatoes of finest quality. Many yields up to 40 pounds for one plant have been reported. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.65; 1 lb., \$5.50, postpaid.



Bison Tomato  
(Typical Unpruned Plant)



Michigan No. 4502 Tomato

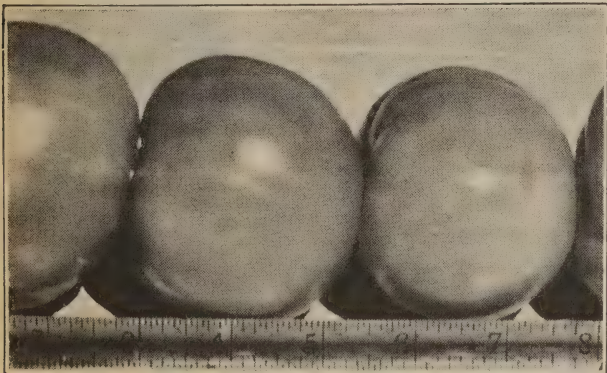
**Tomatoes  
The Most  
Profitable  
Garden  
Crop  
for a  
small  
area.**

**MICHIGAN 4502.** Developed at Michigan State College by Dr. A. F. Yeager, this is an extra early, all over ripening, determinate sort with good sized fruits—the largest of any extra early variety. Can be sown in open ground with good results—with of course earlier Tomatoes if started indoors. Good color, smooth uniform shape, high quality and meatiness with heavy yield. Pkt., 10c; ½ oz., 40c; oz., 65c; ¼ lb., \$2.25; ½ lb., \$4.00; 1 lb., \$7.00, postpaid.

**EARLIANA** (Standard Strain). One of the earliest varieties and very productive.

The fruit is fair sized, round, very smooth and solid, and produced in clusters in the center of the plant. The color is bright scarlet. Pkt., 5c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; 1 lb., \$4.50, postpaid.

**Tomato Plants  
Listed on Page 57**



Red River

**BOUNTY or N. D. No. 40.** This is a first cousin to Victor and has outyielded it in some tests. Very similar in appearance. Postpaid, pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.65; ½ lb., \$3.00; 1 lb., \$5.50, postpaid.

**RED RIVER.** One of the earliest and most solid, meaty early sorts we have ever seen, Red River is a heavy producer of bright scarlet, medium sized, slightly flattened smooth fruits of solid meat and splendid flavor. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.50; 1 lb., \$5.00, postpaid.

**EARLY JUMBO.** The earliest large Tomato—a heavy yielder, very meaty and of high quality. Pkt., 15c; ½ oz., 40c; oz., 70c.

**MINNGOLD.** An All American Silver Medal Winner in 1940 developed by the Minnesota Experiment Station. A smooth, round, medium sized, fleshy, attractive yellow Tomato. Pkt., 10c; ½ oz., 35c; oz., 60c.

*I tried your Bison Tomato last year and I never saw anything to equal it and I live in West Tex.—L. O. Randen, Oklaunion, Tex.*

For Paper Pots See Page 21.

For Small Fruited Tomatoes See Next Page (46)





Fargo Yellow Pear

## Small Fruited Tomatoes

**FARGO YELLOW PEAR.** In this sort, Professor A. F. Yeager has combined the earliness and self-pruning habit of his Bison Tomato with typical Yellow Pear fruit. Its **extreme earliness** and **heavy yields** are worth while. Pkt., 10c; ½ oz., 35c; oz., 60c.

**PINK PEACH.** This excellent sort resembles a peach in size and shape. The surface of the fruit is covered with a down much like its namesake. It makes delicious preserves and pickles and is fine for salads. Pkt., 10c; ½ oz., 30c; oz., 50c, postpaid.

**YELLOW PLUM.** A beautiful sort, much resembling a plum in size and shape; widely used for preserving. Pkt., 10c; ½ oz., 30c; oz., 50c, postpaid.

**RED CHERRY.** The fruits are very small, about the size of a large cherry, smooth and round. It bears early and freely until frost, and is used for preserving. Pkt., 10c; ½ oz., 30c; oz., 50c, postpaid.

## Will's Rutabagas

**CULTURE:** Sow latter half of June or first of July. Plant about ½ in. deep. Rows should not be less than 20 inches apart. Thin to 8 to 10 inches apart in the row. One ounce will sow 250 ft. of drill; 1½ lbs. an acre of drill, and 2½ lbs. an acre broadcast. About 1,900 seeds to the packet.

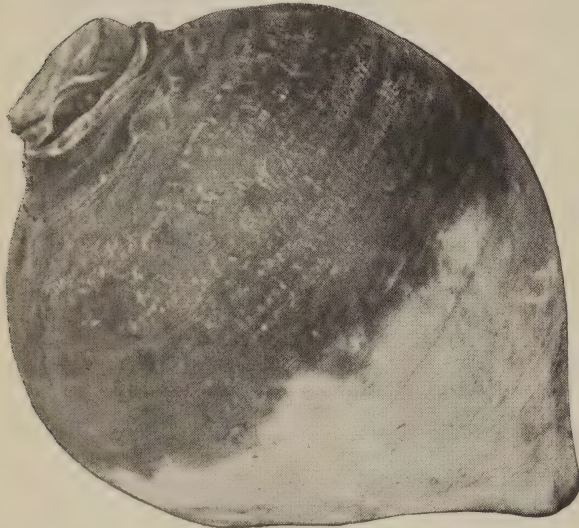
**PAJBJERG BANGHOLM.** The roots are purple-topped and yellow with very small necks. The flesh is yellow, exceedingly solid and crisp. This is the **sweetest Rutabaga**, a heavy yielder and a splendid keeper. Pkt., 5c; oz., 15c; ¼ lb., 50c; ½ lb., 90c; 1 lb., \$1.60, postpaid. Not prepaid, 5 lbs., \$7.50.

## WILL'S IMPROVED AMERICAN PURPLE

**TOP YELLOW.** The roots are large, globe shaped, with small necks and tap roots, bright yellow with purple tops. The flesh is very solid, yellow, tender and sweet. Our strain is very hardy, productive and a good keeper. Pkt., 5c; oz., 14c; ¼ lb., 45c; ½ lb., 85c; 1 lb., \$1.50, postpaid. Not prepaid, 5 lbs., \$7.00.

**EARLY NECKLESS.** A purple top yellow Rutabaga, **three weeks earlier than American Purple Top**, entirely neckless, free from side roots, round and uniform, of fine quality. Pkt., 5c; oz., 15c; ¼ lb., 50c; ½ lb., 90c; 1 lb., \$1.60, postpaid. Not prepaid, 5 lbs., \$7.50.

**WHITE SWEET PERFECTION.** This white Rutabaga is a heavier yielder than most of the yellow sorts. Especially desirable for table use, it is small necked, fine grained and sweet. Pkt., 5c; oz., 15c; ¼ lb., 50c; ½ lb., 90c; 1 lb., \$1.60, postpaid. Not prepaid, 5 lbs., \$7.50.



Will's Improved Rutabaga

**CULTURE:** Sow seed early in spring for summer crop and about July first for fall crop. Culture and quantities same as Rutabaga, but do not require as much thinning. About 2,200 seeds to the packet.

## Turnips

**PURPLE TOP STRAPLEAF.** Widely cultivated, a **quick grower, and very productive.** The roots are flat, medium sized, purple above ground and white below. The flesh is white and of fine quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c, postpaid.

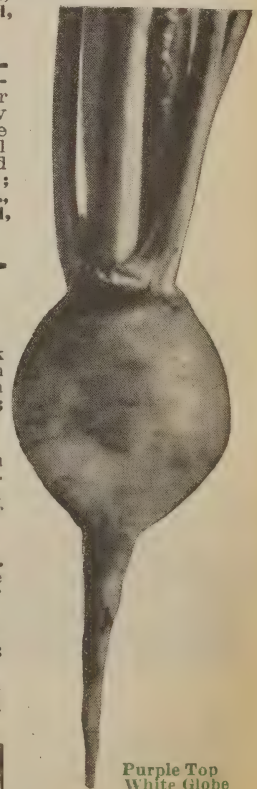
**EARLY WHITE MILAN.** The earliest Turnip, can be used for spring or summer planting. The creamy white roots are medium sized, flat and uniform. The white flesh is fine-grained, tender and sweet. Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 70c; lb., \$1.25, postpaid.

**PURPLE TOP WHITE GLOBE.** The most popular variety for general use. A good sized, globe-shaped sort of a fine appearance, a good producer and keeper. The flesh is firm, fine-grained, tender and sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c, postpaid.

**WHITE EGG.** A medium sized, very early, snow-white variety, with firm, fine-grained flesh. Does not crack as readily as the flat varieties. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 80c, postpaid.

**GOLDEN BALL.** The Best Yellow Globe Turnip. The orange yellow roots average 4 inches in diameter, with fine grained yellow flesh of excellent quality. A good keeper. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c, postpaid.

My Grandmother and Mother have used your seeds for years. I have used them the last 8 years with marvelous results, wouldn't use any other.—Mrs. Alton Knapp, Tolna, N. Dak.



Purple Top White Globe



# SEED CORN FOR THE NORTHWEST



Seed Corn of adapted varieties is extremely scarce this year and exceedingly difficult and expensive to sort and prepare. We have a limited amount of the varieties listed. We are trying to keep tests above 80%. We advise customers to order early and state if they will accept substitutes. If sold out of any sort ordered we shall substitute the nearest that we still have unless otherwise instructed.



## HYBRIDS AND VARIETY CROSSES

We are this year, in spite of the disastrous freeze, able to offer some new hybrids of our own breeding, the results of nearly ten years of work. We have tested these all for several years and find that they yield well above the ordinary strains of corn and possess greater vigor and strength. Yield depends on several factors. They are: number of ears to the stalk, number of stalks to the hill, size of the ears, and maturity of the ears at the average frost date. We believe that our hybrids will make a high score under each of these headings.

We are the only commercial Seed House in the North that has conducted a long continued project of Corn inbreeding and crossing with special reference to Northern conditions.

### WILL'S PIONEER HYBRIDS

- PIONEER HYBRID A.** 80 to 85 days. A very early and uniform hybrid of Falconer.
- PIONEER HYBRID B.** 80 to 85 days. A hybrid of Northwestern Dent inbreds.
- PIONEER HYBRID C.** 90 to 95 days. A very heavy yielding hybrid between Rustler and Falconer inbreds.
- PIONEER HYBRID D.** 80 to 85 days. A pure yellow hybrid from Alta Yellow Dent and Falconer inbreds.
- PIONEER HYBRID E.** 85 to 90 days. A pure yellow dent grown from Alta Dent inbreds.
- PIONEER HYBRID F.** 90 to 95 days. A pure white dent hybrid and the heaviest yielding of our dent hybrids. A cross between inbreds of Crimmins Rustler White Dent.
- PIONEER HYBRID G.** 85 to 90 days. Looks like Minnhybrid 402 but is better adapted to our conditions. A cross between inbreds of Alta Dent and Crimmins Rustler.
- NODAK HYBRID NO. 201.** 85 to 90 days. This is our first offering of a hybrid from the State Agricultural College, a result of the breeding work by Mr. Wildakas. It is a fine appearing pure yellow dent corn of fine habit and very prolific. Seems best adapted to most conditions.
- MINNHYBRID 402.** 95 to 100 days. This has been the best yielding pure dent hybrid in our trials and in a good year will give excellent results in most of our territory. A cross between yellow and white dent inbreds.



In Our Corn Inbreeding Plot

**N. D. A. C. DAKOTA FLINT HYBRID.** 75 to 80 days. Produced under the outstanding corn specialist, Dr. P. J. Olson. This hybrid has greater height and heavier ears and is still as early as the parent stock. Grade—medium round.

Prices of Hybrids Large and Medium flat. Postpaid, lb., 50c; F. O. B. here, 7 lbs. (enough for 1 acre), \$1.40; ½ bu., \$5.50; bu., \$10.00. Large and Medium round. F. O. B. here, 7 lbs., \$1.30; ½ bu., \$5.00; bu., \$9.00.

### CONTROLLED VARIETY CROSSES

Our variety crosses have been outstanding for drought resistance and yield at many of the 1941 and 1942 trials. Our own trials seem to prove that variety crosses of our North Dakota varieties, if the proper varieties are selected, give much better yields than most of the hybrids.

**PIONEER CROSS NO. 3 (BOYD MINN. 13 x NAVAJO SACRED FLOUR CORN).** 90 to 95 days. Just the combination of two outstanding varieties to give the best results. Tall, the ears 2½ to 3 ft. from the ground, and very leafy. Excellent for silage. Ears long and heavy. Matures about the same as Minn. 13. Heaviest yielder of all in several years of trials.

**PIONEER CROSS NO. 2 (BOYD MINN. 13 x MANDAN-NAVAJO YELLOW FLOUR CORN).** 85 to 90 days. Another flour corn cross, has the dent habit like all these crosses, a tall straight stalk with the ears well up, leafy. Ears are all yellow in color.

**PIONEER CROSS NO. 1 (Alta and Falconer).** 80 to 85 days. We have produced this outstanding cross by detasseling the Alta and fertilizing it with pollen from Falconer. One of the heaviest yielders in trials for the past several years. We do not hesitate to recommend it as a real improvement over regular Falconer.

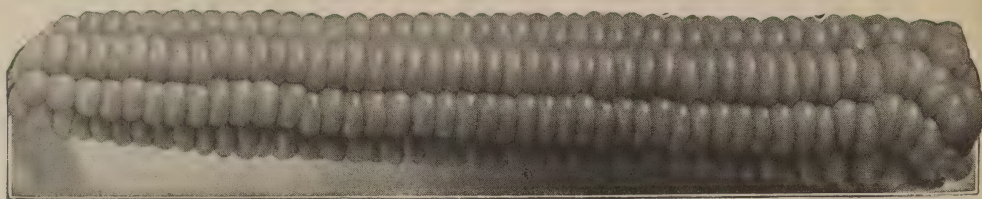
Prices of Variety Crosses same as for Hybrids.



State Inspector in a Field of Variety Cross Corn



**Flint Corn is more grasshopper resistant than the pure dents.**



Dakota White Flint

## DAKOTA WHITE FLINT

The first variety produced by Oscar H. Will in the early eighties. A pure, pearly white flint, 8 to 12 rowed, long slender ears with small cob and a great deal of grain. Many ears to the hill, and yields of 50 bu. per acre have been reported. Stalks are leafy and bushy, a wonderful variety to feed off in the field. Height from 3½ to 5½ ft. **Lb., 35c, postpaid. F. O. B. here: 10 lbs., \$1.55; ½ bu., \$4.00; bu., \$7.50.**



## MERCER FLINT

A fine silage variety with stalks 6 to 8 ft. high, leafy, with slender stalks, ears long and slim, several to a hill, color orange yellow. A second early sort that does not always mature in short seasons. Fine to feed in the bundle as well as for silage. We have an extra good acclimated strain. **Lb., 35c, postpaid. F. O. B. here: 10 lbs., \$1.55; ½ bu., \$4.00; bu., \$7.50.**

## WILL'S GEHU YELLOW FLINT

The best known of our native early flints. We have shipped it to every continent. It has been carefully bred by us for years and shows the effect of this breeding. Its feeding qualities are the highest of any variety of Corn, it is leafy and produces a tremendous amount of excellent fodder, since there is no heavy stalk, and every part of the plant is utilized. It is drought, frost and hail resistant to a wonderful extent in addition to its great earliness. In good soil and under favorable conditions it may be cut with a Corn binder. Gehu is of a lemon-yellow color, ears mostly twelve-rowed, 7 to 10 inches in length. Stalks 4 to 6 feet. Ears 10 to 15 inches from the ground. **Lb., 35c, postpaid. F. O. B. here: 10 lbs., \$1.55; ½ bu., \$4.00; bu., \$7.50.**

Gehu Flint

## RAINBOW FLINT FOR THE SILO

**Drouth Resistant—A Tremendous Yielder**

We have two strains. The **Great Plains Strain** was developed at the U. S. Great Plains Field Station at Mandan, is earlier and better adapted to Great Plains conditions.

The **South Dakota Strain** is somewhat taller and later.

We cannot be sure which strain we can supply and will fill orders with what we have on hand. **Lb., 35c, postpaid. F. O. B. here: 10 lbs., \$1.55; ½ bu., \$4.00; bu., \$7.50.**

## ASSINIBOINE FLINT CORN

From the Canadian Indians—**Earliest Type of Corn Grown.** Ripens 10 days before the Gehu and Dakota, so has an especially useful place in hogging off. **Lb., 40c, postpaid. F. O. B. here: 10 lbs., \$1.70; ½ bu., \$4.50; bu., \$8.50.**

## ACME FODDER A Natural Hybrid

Almost perfect as a **silage corn.** This is a mixture of off type early dents and semi-dents with a previous year's cross. This sort of combination means heavy growth and yield combined with the natural earliness of its components. Easily handled with a binder. **Lb., 30c, postpaid. F. O. B. here: 10 lbs., \$1.45; ½ bu., \$3.50; bu., \$6.50.**



Rainbow Flint



# FALCONER SEED CORN



## A CORN HANDBOOK FOR THE NORTHWEST

Corn Varieties, Corn Planting, Growing, Harvesting

This book covers the subject of Corn for the Great Plains and the Northwest fully and treats of corn growing in every department. Written clearly and concisely it can be used as a text book in agricultural classes. Price, 50c. Postpaid, 60c.

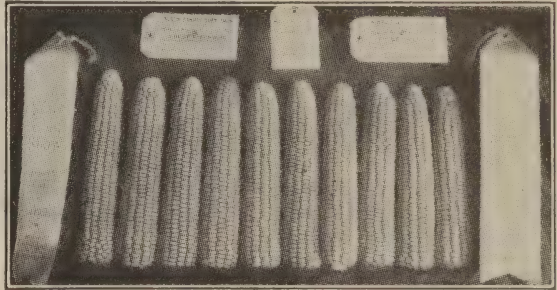
## Oscar H. Will & Co. Strain—Highest Yielding Corn for the Northwest

Falconer corn is grown by the hundreds of thousands of acres now and many thousands of these acres are off type, unselected or poorly selected scrub corn of the poorest type and certain to make inferior yields.

We introduced Falconer Corn. Falconer in careful tests over most of our state has outyielded every variety including many hybrids.

The answer seems obvious then. Buy genuine Falconer of true, high yielding strain from Oscar H. Will & Co.

Lb., 35c, postpaid. F. O. B. here, 10 lbs., \$1.55; ½ bu., \$4.00; bu., \$7.50.



## EARLY TYPE MINNESOTA 13

We offer two strains of Minn. 13 with 85 to 95 days' maturity. The Haney Strain is best adapted to the heavier soils and moister climate; the Boyd Strain is adapted to Great Plains conditions. Your order will this year be filled with whichever one we can furnish. Postpaid, lb., 35c. F. O. B. here, 10 lbs., \$1.55; ½ bu., \$4.00; 1 bushel or more @ \$7.50.

## 4X FODDER CORN Southern Grown, Tall, Leafy

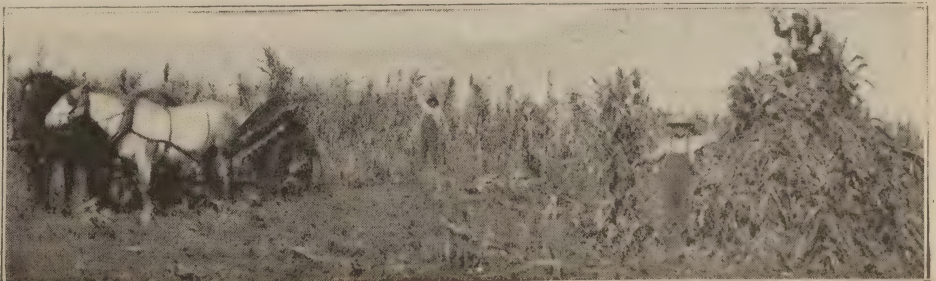
The 4X is, we consider, the very best procurable fodder Corn for Northwestern conditions. We get this grown just far enough south so that maximum quantity of fodder is produced and at the same time the stalks come near enough to maturity so that they are not all water. The best time to cut Corn for fodder is when the kernels are just past the roasting ear stage. Sow or drill ten pounds to one-half bushel per acre, if planted with a planter; 2½ bu. if broadcasted. F. O. B. here, 10 lbs., 50c; ½ bu., \$1.00; bu., \$1.75; write for prices on larger lots.



Minnesota 13 Dent

## SWEET FODDER CORN—Wonderful Feed for Milch Cows

Sweet Fodder Corn is coming to occupy a place of very high esteem as a feed for milch cows. Owing to the fact that its sugar content is so high it is a more concentrated feed than the ordinary Corn. It is likewise a heavy yielder as it is so bushy, and there are no heavy, coarse stalks which are usually waste. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; 50 lbs. or more @ 9c.



4X Fodder Corn





Crimmins Rustler

## PIONEER WHITE DENT

The earliest and hardiest White Dent in cultivation. Also the most drouth resistant dent that can be grown. Easy to pick, even in maturing.

Ears average 6 to 8 inches long, nearly cylindrical, 14 to 16 rows, white with occasional pink shading. Stalks 5 to 7 ft., ears 2 ft. up. Lb., 35c, postpaid. F. O. B. here, 10 lbs., \$1.55; ½ bu., \$4.00; bu., \$7.50.



Pioneer White Dent

## SQUARE DEAL YELLOW DENT

An Oscar H. Will introduction some thirty-four years ago, Square Deal is still the earliest of all yellow dents. The ears are short and solid, the kernels are very deep and the shelling proportion is very high. Prefers rather moist soils. Lb., 35c, postpaid. F. O. B. here, 10 lbs., \$1.55; ½ bu., \$4.00; bu., \$7.50.

## UNUSUAL CORN VARIETIES FOR EXPERIMENT AND TRIAL

We know that many of our customers are interested in experimental work with Corn and in the observation of novel and little known sorts. We have therefore listed here a few of the many unusual types that we are constantly growing and observing, and we hope to present others each year.

Price, lb., postpaid, 50c; F. O. B. Bismarck, 5 lbs., \$1.00.

**MANDAN & ARIKARA INDIAN CORN.** We can supply from these tribes Yellow Flour, White Flint, Blue Flour, Yellow Flint.

**YELLOW MANDAN KING.** Selected for straight yellow color over a period of several years.

**RUSSIAN EXTRA EARLY.** Corns from Siberia and the colder parts of Russia, very remarkable for earliness and height of stalk for such early corn. We have several kinds.

**THREE WAYCROSS.** Russian flint. Alta Dent. Falconer. An interesting corn.

**SANTEE WHITE.** A very tall white flint corn similar to Rainbow except for its straight white color.

**SWEDISH FLINT.** Obtained from a Swedish seedsman in 1938. Very early and bears flint ears 6 or 7 in. long.



Oscar H. Will in the first field of Square Deal—1909

**SUNSHINE X HUBBARD.** A sweet corn cross that is of high quality and a very heavy yielder.

**SEARGENT X SUNSHINE.** Another sweet corn cross with very large ears.

**WINNEBAGO INDIAN BLUE.** This is a long, slender blue flour corn from Wisconsin.

**ZUNI CORN.** Flour corn from the Pueblos of the Southwest.

**ARGENTINE.** A long eared white flint from Argentina.



**NOTICE**—These prices subject to change. Our blue price list issued once or twice each month gives latest prices and may be had on request. Write for prices on large lots.

**NOTE ALSO THAT ALL PRICES INCLUDE COST OF SACKS.**

We are marking our germination and purity tests on bulk shipments of seed grain, field seeds, and seed corn. These tests are arrived at by careful and scientific methods, and are as nearly exact as we can make them. It must be understood, however, that they are only for customer's guidance and are not a guarantee. Always make your own tests of seed grain and field seeds.

**WRITE FOR PRICES ON CERTIFIED SEED GRAIN OF ANY SORT  
WE USUALLY HAVE SMALL LOTS OF A NUMBER OF THEM**

## SEED OATS

**GOPHER.** Developed from the Kherson type. These are perhaps the best all around oats for North Dakota today and increase in popularity each year. Very early and at the same time very heavy yielding. A product of the Minn. Experiment Station. **Lb., 20c, postpaid. F. O. B. Bismarck, ½ bu., 40c; bu., 70c.**

**VICTORY.** This is the standard mid-season oat and is of the Swedish Select type but somewhat improved. Very popular over the Northwest and a fine yielder. The grain is very plump and heavy. **Lb., 20c, postpaid. F. O. B. Bismarck, ½ bu., 40c; bu., 70c.**

**NAKOTA HULLESS.** A new hullless oats from the S. D. Experiment Station. Said to be the best yet developed. **Postpaid, lb., 25c. F. O. B. Bismarck, 10 lbs., 40c; 100 lbs., \$3.00.**

## SEED WHEAT

**RIVAL.** A bearded wheat, both rust and smut resistant. A trifle later than Thatcher, taller, and shatters more easily. A large, plump grain, heavier than Thatcher and consistently yields better over several years tests. Entirely satisfactory for milling. **Lb., 30c, postpaid. F. O. B. here, 10 lbs., 50c; ½ bu., \$1.10; bu., \$2.00.**

**REGENT.** A new resistant wheat from Canada. A beardless wheat, slightly taller than Thatcher, matures about the same time. Resistant to both leaf and stem rust. Good yielder, equal to Thatcher in milling and baking test. **Lb., 30c, postpaid. F. O. B. here, ½ bu., \$1.10; bu., \$2.00.**

**VESTA.** One of the new rust resistant wheats. Does not shatter. May be seeded as late as Durum and will still produce a crop. A heavy yielder. **Lb., 30c, postpaid. F. O. B. here, 10 lbs., 50c; ½ bu., \$1.25; bu., \$2.25.**

**PILOT.** A bearded Wheat. Taller and a trifle later than Rival. Rust and smut resistant to a high degree. Does not shatter readily. A pointed grain, test weight slightly below Rival. Yields as well or better than Thatcher. A good milling Wheat. **Postpaid, lb., 30c. F. O. B. here, 10 lbs., 50c; ½ bu., \$1.10; bu., \$2.00.**

**KUBANKA DURUM.** The best durum or macaroni wheat variety. Rust resistant and high yielding grades amber durum. **Lb., 30c, postpaid. F. O. B. here, 10 lbs., 40c; ½ bu., \$1.10; bu., \$2.00.**

**RED DURUM.** The rust-proof, heavy yielding durum that is used entirely for feed. **Lb., 30c, postpaid. F. O. B. here, 10 lbs., 40c; ½ bu., 90c; bu., \$1.75.**

## SPELTZ OR EMMER

**SEED SPELTZ or EMMER.** This is the ordinary speltz grown throughout the state and without a pedigree. **Fine horse, hog, poultry and cow feed. Lb., 20c, postpaid. F. O. B. Bismarck, bu. (40 lbs.), 80c; 100 lbs., \$1.75.**

# PIONEER BRAND CLOVER SEED

**ALSIKE or SWEDISH CLOVER.** It is low growing, and if sown for hay should be mixed with other clover, timothy or red top. Its chief value in the Northwest is for sowing in very wet spots where water stands at times and other clovers will not grow. **1 lb., 40c, postpaid. F. O. B. Bismarck, 10 lbs., \$3.00; larger lots @ 28c.**

**STRAWBERRY CLOVER.** Looks somewhat like white clover but hardier and at home in wet soil, and under either acid or alkali conditions. A pasture plant. **Lb., postpaid, 50c; F. O. B. here, 5 lbs., \$3.00; 10 lbs., \$5.50; larger lots @ 52c.**

## SEED BARLEY

**WISCONSIN NO. 38.** A heavy yielding 6 row malting barley with smooth beards. **Lb., 20c, postpaid. F. O. B. here, ½ bu., 60c; 1 bu., \$1.00; larger lots @ 90c.**

**TREBI.** This is perhaps our heaviest yielding barley and the best for feed purposes. It is a strong growing six row variety which is not suitable for malting. **Lb., 20c, postpaid. F. O. B. Bismarck, ½ bu., 45c; bu., 80c.**

**SPARTAN.** A rather new, 2 row feed Barley which has outyielded all other sorts in many parts of the Great Plains, very plump grain, drought resistant. **Lb., 25c, postpaid. F. O. B. here, ½ bu., 60c; bu., \$1.00.**

**PROSPECT.** A new Canadian sort which has outyielded all others at the Dominion Experiment Station at Swift Current, Sask. **Lb., 30c, postpaid. F. O. B. here, ½ bu., 60c; bu., \$1.00.**

## SEED FLAX

**BISON.** This variety seems to be the most popular. It is wilt resistant, it is large seeded and heavy yielding, very tall and bushy. **Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., 90c; bu., \$4.00.**

**WALSH FLAX.** Larger seed than Bison, 10 days earlier. Large boll, very strong straw. Resistant to wind and hoppers. **Postpaid, lb., 35c. F. O. B. here, bu., \$5.00.**

**GOLDEN FLAX.** Yellow seeded. **Price same as for Walsh.**

**VIKING.** A golden flax from the State Experiment Station. **Price same as for Walsh.**

## RYE

**NORTH DAKOTA SPRING SEED RYE.** First quality North Dakota grown seed rye of high purity and germination. Spring rye is scarce and hard to find. **Lb., 25c, postpaid. F. O. B. Bismarck, ½ bu., 50c; bu., 90c; larger lots @ 85c.**

**PROLIFIC SPRING RYE.** This is a new spring rye which very much out-yields the common sort, supply is limited and hard to locate. A very large type. **Lb., 30c, postpaid. F. O. B. Bismarck, ½ bu., 60c; bu., \$1.00; larger lots @ 95c.**

## PIONEER BRAND FIELD PEAS

**NORTH DAKOTA GROWN EARLY CANADA FIELD PEAS.** Field Peas are one of the most useful of crops. The straw is equal to clover hay, and the grain is one of the most nourishing of foods for all kinds of stock. In order to aid in harvesting it is recommended that they be sown with oats or Spring rye. **Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 90c; 50 lbs., \$4.00; 100 lbs., \$7.50.**

**WHITE MARROWFAT.** Shorter than Canadian peas with a very large pea, also a bit later. A heavy yielder and a fine pea for human consumption. **Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.10; 50 lbs., \$5.00; 100 lbs., \$9.00.**

**AUSTRIAN WINTER PEAS.** Write for prices.

## PIONEER BRAND BUCKWHEAT

Sow ½ to 1 bushel per acre, or 25 to 50 lbs.

This is the variety commonly grown in the Northwest, and which is used so extensively here as a late crop, and as a smothering crop for land badly infested with weeds. Buckwheat is an excellent poultry food, a fact that is too little appreciated by most poultry raisers. **Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; 25 lbs., \$1.00; 100 lbs., \$3.50.**

**MEDIUM and MAMMOTH RED CLOVER.** While we have hesitated about advocating the Red Clover for North Dakota, yet there are unquestionably a great many localities in this state and eastern Montana where it can be raised with profit. Does best in well watered land with a fairly deep soil and good drainage. **Lb., 50c, postpaid. F. O. B. here, 10 lbs., \$3.00; larger lots @ 28c.**

**WHITE DUTCH or LAWN CLOVER.** White clover is a hardy, low growing, perennial variety that is used in some sections for pasture, and is universally used for lawns. **For prices see next page.**



Grass, Clover and Alfalfa Prices Subject to Change Without Notice—Sacks Included in Prices

## GRASSES

**STANDARD CRESTED WHEAT GRASS.** The hardiest and most drouth resistant grass yet discovered. Introduced by the Department of Agriculture and especially well tested and recommended after years of work by the Dickinson sub-experiment station. Also carefully tested and very favorably reported upon by the U. S. Northern Great Plains Field Station at Mandan. The outstanding variety for the Great Plains. Postpaid, 1 lb., 35c. F. O. B. here, 5 lbs., \$1.00; 10 lbs., \$1.50; 100 lbs., \$11.00.

**BROME GRASS—BROMUS INERMIS (Austrian or Russian).** Brome Grass is an exceedingly valuable pasture grass, especially for early Spring and late Fall. 1 lb., 35c, postpaid. F. O. B. here, 5 lbs., \$1.00; 10 lbs., \$1.60; 100 lbs., \$12.00.

**GREAT PLAINS PASTURE MIXTURE.** This is an item for which there seems to be an increasing demand. The mixture which we list is one recommended at the N. D. Experiment Station. It consists of 6 lbs. brome grass, 4 lbs. crested wheat grass, 5 lbs. slender wheat grass, 3 lbs. yellow blossom sweet clover. 18 lbs. or enough for 1 acre, \$3.00; 100 lbs., \$15.00.

**WESTERN WHEAT GRASS or BIG BLUE STEM.** One of the native grasses of highest quality for both hay and pasture. Does well on gumbo soil and is a good binder because of the running roots. Postpaid, 1 lb., 35c; F. O. B. here, 5 lbs., \$1.10; 10 lbs., \$2.00; 100 lbs., \$16.00.

**PIONEER BRAND TIMOTHY SEED.** We offer only northern grown Timothy seed which is from acclimated fields. 1 lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.20; 50 lbs., \$5.00; 100 lbs., \$9.00.

**MEADOW FESCUE or ENGLISH BLUE GRASS.** This grass is one of the hardiest grasses for the Northwest. It also withstands severe cold very well. Postpaid, 1 lb., 40c. F. O. B. here, 10 lbs., \$2.75; 25 lbs. or more @ 25c.

**WESTERN RYE OR SLENDER WHEAT GRASS.** Hardy, drought resistant, of good quality, a native variety. It stands cutting better than the brome and hay is of better quality. Becomes sod bound quickly. Postpaid, 1 lb., 30c. F. O. B. here, 5 lbs., 75c; 10 lbs., \$1.25; 100 lbs., \$10.00.

**REED CANARY GRASS OR PHALARIS.** This is a native of the low flooded sections of our Missouri River bottom lands and the sloughs of Minnesota. Will not stand heavy alkali. The best grass for wet spots that we have. 1 lb., postpaid, 50c. F. O. B. here, 5 lbs., \$2.50; 10 lbs., \$4.00; 100 lbs., \$37.00.

Write for prices on Feather Bunch Grass, Grama Grass and any other Special item.

## SWEET CLOVER

Yellow and white sweet clover may contain up to 10% of the opposite color.

**YELLOW BLOSSOM SWEET CLOVER SEED.** Outside the lower and heavier soil sections of the Northwest the Yellow Blossom variety seems to be better adapted than the white. Its advantages are greater hardiness as regards a combination of cold and drouth, finer quality of hay, a crown like alfalfa so that it may be cut as close to the ground as one wishes. 1 lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.50; 100 lbs., \$12.00.

**WHITE BLOSSOM BIENNIAL.** The Tall, Late Sort that is in greatest demand if you wish to sell seed. This is the only kind used in Iowa and Illinois where 90 per cent of the seed from the Northwest

is sold. Must be cut high for hay as it grows from the bases of the branches. 1 lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; 100 lbs., \$12.00.

**MIXED SWEET.** Perfectly good seed for sowing anywhere, but cannot pass as either pure yellow or white. F. O. B. here, 10 lbs., \$1.25; 100 lbs., \$11.00.

**HUBAM ANNUAL.** This is a white sweet clover that may be planted in April and will mature and make seed the first year. A one year crop like Millet but may be planted much earlier. Postpaid, 1 lb., 30c; F. O. B. here, 10 lbs., \$2.25; larger lots @ 20c.

Write for prices on Alpha Sweet Clover

## PIONEER BRAND ALFALFA SEED

**NORTHWESTERN GROWN VARIEGATED ALFALFA.** The fact has become pretty well established that only the strains of alfalfa with variegated flowers are hardy in the Northwest. Such strains are Grimm, Cossack, Ladak, etc. The seed which we offer under this head is seed from fields with variegated bloom. The mere fact of hardiness and variegated blossom prove that it belongs to one of the hardy strains. 1 lb., 60c, postpaid. F. O. B. Bismarck, 10 lbs., \$4.50; 100 lbs., \$40.00.

**REGISTERED AND CERTIFIED GRIMM.** Officially sealed and tagged. This is officially registered and certified seed from fields of Grimm which have been officially inspected and the seed officially graded, and whose pedigree is on file with a history of the field in the office of state authorities. Grimm still remains the favorite for hardiness and yield. 1 lb., 65c, postpaid. F. O. B. here, 10 lbs., \$6.00; 100 lbs., \$50.00.

Write for prices on other types of Alfalfa. Alfalfa is a very poor crop this year and orders should be placed early.



# WILL'S PIONEER BRAND GRASS SEED

## DIRECTIONS FOR MAKING LAWNS

The seed bed should be spaded or plowed to a depth of 6 or 7 in. All lumps should be broken up, the surface smoothed with rake or plank and well firmed. Sow evenly on a quiet day, rake in well and roll if possible. Use seed at the rate of 1 lb. per 200 square ft. If possible water thoroughly at once. Good loam soil is best, for the finest lawn black dirt may be spread several inches thick but a good turf of the hardier varieties does not require it.

Our **Emerald Mixture** should be used for the best lawns where water is available.

**Red Top and Chewings Fescue** are adapted to shady spots.

For a little harder conditions but where some watering is possible, use our **Dakota Mixture**.

For a good looking dry land lawn, farm yard or large public grounds use **Buffalo Grass Stolons** or

**Fairway Crested Wheat Grass.**

Do not permit the watered lawn to dry out at all until the grass is well up.

Fertilize from year to year as indicated by the condition of the lawn. We recommend **Vigoro**.

We shall be glad to give advice and make up special mixtures for airports, parks, public school grounds, football fields, etc.



N. D. Capitol

## WILL'S DAKOTA LAWN MIXTURE

This is a utility mixture for those who do not wish to give the necessary care and attention for the fine lawn and yet want a nice appearing grass plot around the house, also useful for street boulevards and large public building grounds. Made up of coarser and harder grasses, it still requires some water. Clover may be used with it to advantage. Postpaid, 1 lb., 35c. F. O. B. here, 5 lbs., \$1.40; 10 lbs., \$2.50; 50 lbs. or more @ 21c.

## WHITE LAWN CLOVER

For those who like clover in their lawns we offer this very high quality seed. It should be mixed at the rate of 1 lb. to 5 lbs. of grass seed. May also be scattered on old lawns. Lb., postpaid, 90c. F. O. B. here, 5 lbs., \$4.00; 10 lbs. or more @ 75c per lb.

## BUFFALO GRASS PLANTS

This grass is undoubtedly the most perfect lawn grass for dry conditions. It spreads by runners and produces a dense mat on the ground. We list this grass by the 100 rooted plants. The plants are set out from 6 to 15 inches apart each way. In one season the whole area should fill in. Needs practically no mowing. Plants can not be reset till new growth has started. Per 100 plants postpaid, 65c (enough for 140 sq. ft.); 500, \$3.00; F. O. B. here, 1000, \$5.00. Seed, oz., postpaid, 50c. Plants from Theodore Roosevelt's Elkhorn ranch in the Little Missouri Bad Lands, finer and slower growing. Per 100, 75c, postpaid.



A Buffalo Grass Lawn

## KENTUCKY BLUE GRASS

The foundation of hardy lawn grass. We handle nothing but the fancy, clean seed. 1 lb., 45c, postpaid. F. O. B. here, 5 lbs., \$1.40; 10 lbs., \$2.50; 50 lbs. or more @ 24c.

## RED TOP OR HERD'S GRASS

Useful in the Northwest principally for seeding shady spots, slough beds, basins, and any place where the water may stand at times. Lb., 30c, postpaid. F. O. B. here, 10 lbs., \$2.00; larger lots @ 18c.

## CREeping BENT GRASS SEED

This is very popular for lawn grass purposes and makes a wonderful lawn after it is once established. Must be planted and tended very carefully until it has made a small growth. Requires lots of water. Lb., postpaid, \$1.00; F. O. B. here, 5 lbs., \$4.50; larger lots @ 80c.

## FAIRWAY CRESTED WHEAT GRASS

This strain developed at the Saskatchewan Experiment Station answers very well for large lawn areas, public grounds, parks, football fields, etc. It is a fine grass, stands cutting well, keeps green late. Is a trifle bunchy.

Also a very good hay and forage plant. Heavier yielding and leafier than the Standard Strain, yet in a dry year it may not yield quite as much. Lb., postpaid, 40c. F. O. B. here, 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$3.25; 100 lbs., \$12.00.

Use **VIGORO** on YOUR LAWNS.



## FIELD SEED

Prices include sacks, and are subject to market changes without notice  
Write for prices on large lots. Get Our Special Price List, issued at intervals after January 15th.

### Hay Millets

**DAKOTA-KURSK.** The very best hay Millet for North Dakota yet found. A tremendous yielder of fine quality hay and a heavy seed bearer. Our seed came from the U. S. Dept. of Agriculture. **Lb., 20c, postpaid. F. O. B. here, 10 lbs., 50c; 50 lbs., \$2.25; 100 lbs., \$4.00.**

**SIBERIAN MILLET.** This is the most planted variety in the Northwest. Does not degenerate from planting northern seed as do some sorts. We supply either northern or southern grown, as they are of equal value. **Lb., 20c, postpaid. F. O. B. here, 10 lbs., 45c; 50 lbs., \$2.00; 100 lbs., \$3.75.**

**WHITE WONDER MILLET.** The White Wonder has come to be recognized as one of the very best hay millets for the Northwest. It is drought resistant with heavy foliage and broad leaves. **Lb., 20c, postpaid. F. O. B. here, 10 lbs., 55c; 50 lbs., \$2.50; 100 lbs., \$4.50.**

**SOUTHERN GROWN GERMAN MILLET.** This is German millet, sometimes called Golden, raised in the latitude of Kansas and southern Nebraska. **Lb., 20c, postpaid. F. O. B. here, 10 lbs., 50c; 50 lbs., \$2.25; 100 lbs., \$4.00.**

**HUNGARIAN MILLET.** This variety is one of the best adapted to northern conditions of any sort. It is suited to cooler weather. **Lb., 25c, postpaid. F. O. B. here, 10 lbs., 50c; 50 lbs., \$2.25; 100 lbs., \$4.00.**

**JAPANESE MILLET.** This variety is of a different family from the others. It does best on heavy, moist soil. It is better for horses than the ordinary sorts. **Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; 50 lbs., \$2.25; 100 lbs., \$4.50.**

### Hog or Proso Type Millets



**CROWN.** A new Canadian variety of Proso Millet. In Manitoba trials it has consistently out-yielded all other varieties including Turghai. It is highly recommended by the Brandon Experiment Station whence our supply was obtained. **Postpaid, lb., 25c; F. O. B. here, 10 lbs., 50c; 50 lbs., \$1.75; 100 lbs., \$3.00.**

**EARLY FORTUNE or RED PROSO.** This red form of the proso or hog millet type is in especial favor for mixture in poultry foods. One of the surest crops in the Northwest, and especially valuable as a grain crop for late planting. **Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 30c; 50 lbs., \$1.20; 100 lbs., \$2.00.**

**BROOM CORN or YELLOW PROSO.** The first type of Proso grown in the Northwest. Color varies from yellow to creamy white. **Lb., 20c, postpaid. F. O. B. here, 10 lbs., 30c; 50 lbs., \$1.20; 100 lbs., \$2.10.**

**TURGHAI PROSO.** We are glad to offer this very excellent variety of proso. We believe it to be one of the heaviest yielders of any proso, the earliest, and a tall growing, non-lodging variety. **Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; 50 lbs., \$1.50; 100 lbs., \$2.50.**

**BLACK VORONESH.** A Proso type Millet with black seed. Has done fairly well in western North Dakota. **Lb., 20c, postpaid. F. O. B. here, 10 lbs., 40c; 50 lbs., \$1.50; 100 lbs., \$2.50.**

### Soy Beans

The early sorts are giving fair results in parts of the Northwest, and the hay produced by any variety is highly valuable.

**MINNSOY.** Our stock of this early sort has also been grown here at Bismarck for the past several years. Early and matures safely. **Postpaid: lb., 30c; F. O. B. here, 10 lbs., 75c; 50 lbs., \$2.75; 100 lbs., \$5.00.**

We can quote on a few other early sorts upon request.

### Sudan Grass

The most productive and fastest growing of annual forage plants. Hay is of best quality for every kind of stock. Can be cut several times in a favorable year. Do not sow before June first. **Lb., postpaid, 20c. F. O. B. here, 10 lbs., 60c; 50 lbs., \$2.50; 100 lbs., \$4.50.**

### Cane

**EARLY AMBER.** Earliest and most widely used of all the sweet sorghums for planting in the Northwest. Excellent both for silage and roughage. **Price lb., postpaid, 25c. F. O. B. here, 10 lbs., 60c; 50 lbs., \$2.00; 100 lbs., \$3.50.**

**LOW PRUSSIC ACID CANE.** A new development from South Dakota. The dangerous poisonous quality has been almost bred out of this strain. In addition it is early and very productive. **Postpaid, lb., 25c. F. O. B. here, 10 lbs., 60c; 50 lbs., \$2.25; 100 lbs., \$4.00.**

### S. D. Sooner Milo

One of the newer grain sorghums which we have been watching in our trials. With us it has been the earliest and surest, in addition it has produced nearly twice as much growth as any other extra early sorghum. **Lb., 25c, postpaid. F. O. B. here, 10 lbs., 50c; 50 lbs., \$2.25; 100 lbs., \$4.00.**

### Korean Lespedeza

A new forage crop that has proven very useful farther south. It is able to endure drouth, heat and poor soil and still make excellent pasture. An annual legume. Showed up well in our trials for the past two years. **Lb., 40c, postpaid. F. O. B. here, 10 lbs., \$1.50.**

### DWARF ESSEX RAPE

Sow 6 to 10 lbs. per acre.

Very popular for hog and sheep pasture where soil is good and fairly well watered. Keeps growing out as it is eaten off and is not easily damaged by frost. **Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.75; 50 lbs., \$8.00; 100 lbs., \$15.00.**

### SUNFLOWER SEED

**COMMON.** Valuable as a poultry and parrot food, as a food for human consumption often going under the name of Russian peanuts, and also for silage. **Lb., 27c; postpaid. F. O. B. Bismarck, 10 lbs., \$1.50; 50 lbs. or more @ 12c.**

We have also limited amounts of White Hungarian, Short Stalked Russian and Short Black Russian at 30c per lb., postpaid.

**SAFFLOWER.** A new oil bearing plant. We advise only experimental planting. **Lb., postpaid, 25c; F. O. B. here, 1 to 10 lbs. @ 10c; large lots @ 9c.**



# PLANTS FLOWERS BULBS

# GREENHOUSE DEPARTMENT

Complete Floral Service. Satisfactory Service Guaranteed  
(The North Dakota Sales Tax applies on all  
Greenhouse products except vegetable plants.)



## BEDDING PLANTS

### GROUP NUMBER ONE

From 4-inch pots—30c each; 3 for 85c; 12 for \$3.00, F. O. B. here. Delivered price 38c each; 3 for \$1.00; 12 for \$3.75.

### GERANIUMS

Red Barney. Early bright red—many blooms—sun proof.  
Improved Poitevine. Large shrimp pink blooms. Lovely foliage.  
Irrington Beauty. Beautiful rose-pink. Prolific.  
La Favorite. Double white blooms in profusion.  
CANNA PLANTS. See varieties under "Bulbs" below.  
BEGONIAS. 8-12 inches. Red and pink everblooming type.

### HOUSE PLANTS

PRIMROSE OBCONICA. Pink and red. 70c each; postpaid, 85c.  
PELARGONIUMS. Pink, lavender and Martha Washington type. 70c each, here; postpaid, 85c.  
SANSEVIERIA (Snake Plant). 60c, \$1.00 and up.

### GROUP NUMBER TWO

From 3-inch pots—Postpaid, 25c each; \$2.50 dozen. F. O. B. here, 20c each; \$2.00 dozen.  
DAISIES. Boston White and Yellow, twice as large as Marguerites.  
GERANIUMS. (See varieties under Group One.)

### ALL-DOUBLE PETUNIAS

The Queen of bedding plants. Many shades and colors. Large, free-flowering, fragrant. (See illustration.)

VINES. For outdoor use. Branching English Ivy. Dark green.  
Parlor Ivy. Light green. Philly Vine. Heart-shaped leaves.  
Vine Vines. Variegated green and Tradescantia (Wandering Jew). Three colors.  
For Indoors. In soil or water.

### GROUP NUMBER THREE

15c each; 2 for 25c; \$1.40 doz., F. O. B. here. Postpaid prices: 20c each; \$2.00 doz.  
AGERATUM. (Dwarf). Lavender-blue border edging plant.  
COLETS. Yellow, red and mixed foliage plant.  
LOBELIAS. (Dwarf or trailing.) Dark blue.  
PETUNIAS. Single. The most popular and satisfactory bedding plant; Blue, Red, White and Pink. Plain edged and frilled. Also mixed colors and ruffled monster type.  
SALVIA. Scarlet Sage. Flaming red. Midsummer.  
SNAPDRAGON. Red, pink, yellow, bronze. Also fine for cutting.  
SWEET ALYSSUM. Dwarf white border plant.  
VERBENAS. Red, pink and blue. Lovely.

### WATER PLANTS

Excellent Varieties. Shipments after May first only.  
Free Cultural Directions. All prices delivered.

### HARDY WATER LILIES

Comanche. Red-bronze. Marliac-W. White. M. Chromatella. Yellow. Rose Arcy Deep pink.  
\$1.10 each; 4 for \$4.00.

WATER PLANTS (Floating). Water Hyacinths (Lilac bloom). Water Poppy. Yellow bloom. Water Lettuce. Shell flower. Price: 2 for 45c; 6 for \$1.25.

### TRANSPLANTED BEDDING PLANTS

35c per doz.; 50 for \$1.15; \$2.00 per 100—F. O. B. Bismarck. Postpaid price: 45c per doz.; \$2.75 per 100.

ASTERS. Wilt-resistant strains. Pink, lavender, purple and red.  
SNAPDRAGON. All shades.

AGERATUM. Light blue for borders.

Stocks—Ten weeks. White and lavender.



All-Double Petunias



Geranium



President Canna



Giant Pansies

### WILL'S GIANT PANSIES

Sturdy plants, very free-blooming. Mammoth blooms, wide range of color. Postpaid: 55c dozen; \$3.50 per 100. F. O. B. Bismarck: 40c dozen; \$1.50 for 50 and \$2.75 per 100.

### MADEIRA VINE BULBS

Large dry bulbs of this popular fast growing climber. Light green foliage. Postpaid, 12c each; 3 for 30c; \$1.00 per dozen.

### CANNA BULBS

These lead all bedding plants for massed effects. Very popular. Strong dormant roots. Price: Each, 23c; 3 for 59c; 12 for \$1.70. Delivered.  
The President. 3 to 4 ft. tall. Rich glowing scarlet blooms, green foliage. Always our leading Canna.  
Mrs. Alfred Conrad. 4 ft. Many salmon-pink blooms, green leaves.  
King Humbert. 4 to 5 ft. Orange-like yellow with red spotting. Green leaves.  
YELLOW KING HUMBERT. 4-5 feet, orchid-like yellow blooms, red spots, green leaves.

WILL'S FALL PERENNIAL AND BULB LIST OUT AUGUST 1st. Ask for your copy.



## COLUMBIA BOUQUETS

Let your garden Show Your Colors! These three colorful GLADIOLUS will furnish numerous COLUMBIA BOUQUETS during the summer. 25 each of Red Phipps (Sparkling Red), Polar Ice (Pure White), and Milford (Clear Blue). Seventy-five large bulbs at the very special price of **\$3.50** delivered. Separately packed.

# GLADIOLUS

These favorite garden flowers are real morale builders, and should be in every wartime garden. A glorious rainbow of the newer beauties and older stand-bys. You'll love them. Large, clean, high-crowned bulbs with prices well within your garden budget.

## OUR BULBS MUST MAKE GOOD OR WILL WILL

6 at dozen prices and 36 or more at hundred rates.

(Complete cultural directions with every order.)

**ALL BULBS PRICED DELIVERED**

**\$1.22**

## WILL'S ARISTOCRAT GLAD OFFER

**\$1.22**

Your wartime garden must sport this most colorful assortment of gladiolus which includes such beauties as **Hinemoa, Laddie, Beacon, and Peggy Lou** with sixteen other top notch varieties in a wide range of types and colors.

One large bulb of each of the twenty beauties below marked "A." Clean, first quality stock, individually labelled. A \$1.85 value which we are proud to offer at **\$1.22, 3 for \$3.45, Postpaid.**

## WILL'S PIONEER GLADIOLUS COLLECTION

Will's Pioneer Gladiolus Collection for 1943 is a Glittering Galaxy of Glorious Glads of all colors, types, and blooming seasons, and is just what your War-time garden needs for morale. Excellent for bouquets. Made up of large, clean, young bulbs of the better sorts. **12 for 40c; 35 for \$1.00; 100 for \$2.20, and 1,000 for \$19.00.**

**BEACON (A)** Outstanding rose-scarlet with cream blotch. Showy, midseason, **three for 24c; 72c per dozen; 100 for \$4.90.**

**HINEMOA (A)** Large rose red with rich yellow throat, very striking. **12c each; 3 for 33c; \$1.10 per dozen, 100 for \$6.86.**

**RED PHIPPS (A)** Tall, flashing, sparkling red. Popular. **3 for 24c; 12 for 72c; 100 for \$4.90.** (See Columbia bouquet offer.)

**REWI FALLU (A)** Early deep blood red. Massive blooms, of substance, size and quality. Outstanding. **3 for 24c; 12 for 72c; 100 for \$4.90.**

**THE MOGUL** Huge salmony maroon. A glad you're sure to like. **12c each, 3 for 33c; \$1.10 per dozen.**

**POLAR ICE (A)** Large, pure white. Exceptionally good. Early. **3 for 24c; 12 for 72c; 100 for \$4.90.** (See Columbia bouquet offer.)

**MAID OF ORLEANS (A)** Milk white with creamy throat. Tall. Outstanding. **3 for 24c; 12 for 72c; 100 for \$4.90.**

**SHIRLEY TEMPLE (A)** Immense ruffled cream, of fine habits. Very popular. **3 for 24c; 12 for 72c; 100 for \$4.90.**

**SNOW PRINCESS**—Large milky white. A European favorite. **15c each; 3 for 40c; \$1.37 per dozen.**

**PELEGRINA (A)** A deep violet-blue favorite with many open blooms. **3 for 24c; 12 for 72c; 100 for \$4.90.**

**MILFORD (A)** A large clear light blue. Unusually fine. **3 for 24c; 12 for 72c; 100 for \$4.90.** (See Columbia bouquet offer.)

**KING ARTHUR (A)** Immense ruffled lavender. Unique shade. Very attractive. **3 for 24c; 12 for 72c; 100 for \$4.90.**

**MINUET (A)** Light pinkish lavender. Many blooms. This old favorite at **3 for 24c; 12 for 72c; 100 for \$4.90.**

**BLUE BEAUTY**—Medium blue shading, dark toward edges. Large wide open blooms. A grand spike. This new beauty at **15c ea.; 3 for 40c; \$1.37 per doz.**

**BAGDAD (A)** Another smoky. Immense old rose blooms. Magnificent. **3 for 24c; 72c per dozen, 100 for \$4.90.**

**LADDIE (A)** Light pink flowers, larger and rosier than Picardy. Many large wide-open blooms, slightly ruffled. Tall stalks, long flower head. The finest glad we have ever offered. **20c each; 3 for 79c; 100 for \$5.88.**

**PEGGY LOU (A)** Tall rosy shrimp pink of much merit, unusually good. **3 for 24c; 12 for 72c; 100 for \$4.90.**

**PICARDY (A)** Gorgeous soft shrimp pink. One of the most popular glads ever introduced. **3 for 17c; 12 for 51c; \$3.43 per 100.**



**FREE!** A large 25c bulb of "BINGO" with your CASH bulb order above \$1.20 if received before MARCH FIRST. Flesh colored, flaked rose, cream throat. A winner!

**SMILING MAESTRO (A)** Deep salmon rosy flaked brown. Large exhibition type. **3 for 24c; 12 for 72c; 100 for \$4.90.**

**DEBONAIR (A)** Lovely La-France Pink of much merit. Tall. **3 for 24c; 12 for 72c; 100 for \$4.90.**

**MISS BLOOMINGTON (A)** Clean light yellow. 6-8 well placed blooms. Early. **3 for 24c; 12 for 73c; 100 for \$4.90.**

**GOLDEN CUP (A)** A very deep yellow. Tall straight spike. Very good. **3 for 24c; 12 for 72c; \$4.90 per 100.**

**BIT O'HEAVEN (A)** Lovely orange with yellow throat. 9 to 12 blooms on a tall spike. **12c each; 3 for 33c; 12 for \$1.10.**

**J. S. BACH**—Immense salmon orange. Early and popular. **3 for 27c; 12 for 79c; \$5.88 per 100.**



# Will's Dahlias

## ALL BULBS PRICED DELIVERED

For the coming season we are offering a collection of Exhibition Dahlias which we think are about the finest for general planting that can be found. These present a complete range of color, and will make a garden from which whole armful of beauty may be gathered all the fall. Of easy culture and nearly insect proof, Dahlias make late summer a time of joy.

Each Dahlia is stamped with the variety number to prevent mixing. These collections are separately packed for Will's by our grower in Michigan, and guaranteed to grow and please.

## FREE CULTURAL DIRECTIONS

Remember Will's guarantee, "These bulbs must make good, or Will will."

Decorative Dahlias included in our 1943 Garden Charm offer are:

**Jersey's Beauty.** Most popular clear pink.

**Jane Cowl.** Largest and finest bronze.

**Mrs. I. De Ver Warner.** Orchid lavender.

**Pride of California.** The best known red Dahlia, huge blooms.

**Frances Lanocco.** You'll love this one.

**White King.** The best pure white Dahlia. Early and large.

Separate Dahlias in the above list at 35c each, or 3 for 90c.



**\$1.33 1943 GARDEN CHARM DAHLIA COLLECTION \$1.33**  
One strong tuber of each of the six Dahlia beauties offered above  
- at \$1.80, in this group for **\$1.33** postpaid. Three collections for \$3.70.

## CAPITAL DAHLIA MIXTURE

This collection is not an ordinary mixture thrown together of a few sorts, but is actually grown as a mixture from hundreds of really fine all-double Dahlias in a wide range of colors and types. Strong dormant roots. A bargain for your garden at six tubers for 55c; 12 for 95c delivered.



Capital Mixture

## VEGETABLE PLANTS FOR VICTORY GARDENS

Will's quality vegetable plants are given plenty of room when transplanted to insure well-rooted stocky plants for your garden. Only the finest grade seed of the best adapted varieties is used for this Northwestern climate. Prices are low for these top quality plants.

Our potted plants are grown in generous three-inch clay pots, and each develops a compact individual root system which suffers no shock when placed out in your garden. Earlier fruiting and maturing are the result.

Please note that Victory Garden varieties are offered for most of the different items. For cabbage we endorse **Golden Acre** (early) and **Danish Ballhead** (late). **Victor**, the medal winner and **Bison**, both early and self-pruning, are our choices in red tomatoes. Kindly state your preference when ordering.

We guarantee satisfactory arrival of every shipment, or a friendly replacement. We advise express shipments where possible.

Variety	(No Sales Tax on Vegetable Plants)			POSTPAID			F.O.B. Bismarck by Express		
				12	50	100	12	50	100
CABBAGE, Early Transplanted "Golden Acre".....	.35	1.15	2.00	.25	.85	1.50	.25	.85	1.50
CABBAGE, Late Transplanted "Danish Ballhead".....	.35	1.15	2.00	.25	.85	1.50	.25	.85	1.50
CAULIFLOWER, Transplanted "Snowball".....	.40	1.25	2.25	.30	1.00	1.75	.30	1.00	1.75
CELERY, Trans. "Golden Self-Blanching".....	.35	1.15	2.00	.25	.85	1.50	.25	.85	1.50
CELERY, Trans. "Utah Green".....	.35	1.15	2.00	.25	.85	1.50	.25	.85	1.50
EGG PLANT, Trans. "Blackie".....	.50	1.60	2.85	.40	1.35	2.50	.40	1.35	2.50
GROUND CHERRY, Transplants.....	.45	1.40	2.40	.35	1.15	2.00	.35	1.15	2.00
GROUND CHERRY, Potted.....	1.00	3.25	.....	.75	2.75	4.75	.75	2.75	4.75
PEPPERS, Trans. "Early Giant".....	.45	1.40	2.40	.35	1.15	2.00	.35	1.15	2.00
PEPPERS, Potted. "Early Giant".....	1.00	3.25	.....	.75	2.75	4.75	.75	2.75	4.75
TOMATOES, Trans. "Victor or Bison".....	.45	1.40	2.40	.35	1.15	2.00	.35	1.15	2.00
TOMATOES, Potted. "Victor or Bison".....	1.00	3.25	.....	.75	2.75	4.75	.75	2.75	4.75
TOMATOES, "Fargo Yellow Pear" Trans.....	.45	1.40	2.40	.35	1.15	2.00	.35	1.15	2.00
SWEET POTATO PLANTS.....	.30	1.00	1.75	.20	.70	1.25	.20	.70	1.25

**NOTE:** Add these started plants to your Victory Garden.



Will's Finer Tomatoes





# INSECTICIDES-FUNGICIDES-RODENT BAIT

All Prices F.O.B. Bismarck Unless Otherwise Stated  
All Goods Mailable



Items marked (P) are poisonous. Non-poisonous items are marked (NP).

**ARSENATE OF LEAD, Aeme. (P.)** Primarily used against leaf eating and soil insects. Postpaid: ½ lb., 25c; 1 lb., 40c. F. O. B. here, ½ lb., 20c; 1 lb., 30c; 4 lbs., 75c.

**ATLACIDE. (P.)** Weed killer. Use in driveways or any place to kill all vegetation. 1 lb., postpaid, 57c; 5 lbs., \$1.75. F. O. B. here, 1 lb., 50c; 5 lbs., \$1.50.

**BLACK LEAF "40." (P.)** For Aphis. A fine sheep dip, poultry Rost paint against lice and general contact spray. Keeps dogs from shrubs and trees. Price, postpaid, 1 oz. bottle (makes 6 gallons), 40c. F. O. B. here, 1 oz. bottle, 35c; 5 oz. bottle, \$1.05.

**BORDEAUX MIXTURE, Aeme. (P.)** Controls scab, rust, rot, blight, mildew, leaf spot, anthracnose and other fungus disease of fruit and truck crops. Prices, postpaid, 1 lb., 40c. F. O. B. here, 1 lb., 30c; 4 lbs., 75c.

**BUGEX. Will's Dusting Powder. (NP.)** This non-poisonous dusting powder is one of the most effective products for the control of a wide variety of insects. Bugex contains both Rotenone and Pyrethrum. It is also very effective against fungus diseases in plants. By W. P. B. Order M-133. Rotenone bearing insecticides are limited to use on food crops such as broccoli, cabbage, cauliflower, Brussels sprouts, string beans, peas, etc. Price, postpaid, 14 oz. dusting can, 42c. F. O. B. here, 35c per 14 oz. can.

**CALCIUM ARSENATE, Aeme. (P.)** A strong, inexpensive insecticide used on hardy foliage such as potatoes. Prices, postpaid, ½ lb., 20c; 1 lb., 35c. F. O. B. here, ½ lb., 15c; 1 lb., 25c; 4 lbs., 50c.

**CARBOLA. (P.)** The disinfecting White Paint and Dusting Powder for chicken coop and barn. Brush or spray. Prices, F. O. B. here, 5 lbs., 60c; 10 lbs., 98c; 50 lbs., \$5.00.

**CARBON BISULPHIDE. (P.)** We recommend this product for the control of tree borers. Apply with oil can into the holes left by borer. Also effective in control of ants, rodents and for grain fumigation. Price, postpaid: 1 oz., 30c; 6 ozs., 85c. F. O. B. here, 1 oz., 25c; 6 ozs., 75c.

**CARCO. (P.)** A soil spray against cut worm and other ground pests. Postpaid, 90c pint. F. O. B. here, 75c pint.

**CUT WORM AND HOPPER BAIT. (P.)** Dry bait—sure death to Hoppers, cut worms, snails, etc. Prices, postpaid, 1 lb., 27c; 5 lbs., \$1.00. F. O. B. here, 1 lb., 20c; 5 lbs., 75c.

**DRESSING—TREE WOUND. Aeme Kopper Shield. (NP.)** For all tree wounds, whatever the cause. Price, postpaid, ½ pt., 32c; pt., 50c; qt., 75c. F. O. B. here, ½ pt., 25c; pt., 40c.

**DRY LIME SULPHUR. (NP.)** Very dependable dormant insecticide and fungicide. Prices, postpaid, 1 lb., 40c. F. O. B. here, 1 lb., 35c; 5 lbs., \$1.45.

**DUSTING SULPHUR. (NP.)** For mildew on roses and other fungus diseases. Price, postpaid, 1 lb., 20c; 3 lbs., 35c. F. O. B. here, 1 lb., 15c; 3 lbs., 25c.

**EVER GREEN, Garden Spray. (NP.)** A strong Pyrethrum insecticide. A sure killer of many common garden insects of both sucking and leaf eating types. Safe on tender plants and flowers. Easy to use—mixes with any kind of water. Odorless. Price, postpaid: 1 oz., 40c; 6 ozs., \$1.10. F. O. B. here, 1 oz., 35c; 6 ozs., \$1.00.

**FISH OIL SOAP. Aeme Spray Soap. (NP.)** Used to wash plants and as spreader for insecticides. Kills Aphis. Postpaid, 1 lb., 43c. F. O. B. here, 1 lb., 35c.

**GARDEN GUARD—Pyrethrum. Aeme. (NP.)** A non-poisonous dusting powder. Every particle active. Gives immediate control over many insects, including such hard to kill bugs as Squash Bugs and cucumber beetles. A light dusting in your vegetable and flower garden will bring quick results. Price, postpaid: 1 lb., 48c; 4 lbs., \$1.25. F. O. B. here, 1 lb., 40c; 4 lbs., \$1.05.

**GARDEN SPRAY, Will's Lethane-Derris. (NP.)** A new Pioneer Brand product which has proved itself in our Greenhouse and Nurseries as well as with many of our larger growers. Controls Aphis, Plant Lice and many sucking and chewing insects. Price, postpaid, 1 oz., 30c; 6 ozs., 90c. F. O. B. here, 1 oz., 25c; 6 ozs., 75c.

**GOPHER POISON. (P.)** Will's Poisoned Oats have established themselves as a most reliable remedy against gophers. 8-lb. sk., 80c; 16 lbs., \$1.55; 32 lbs., \$3.00. F. O. B. here. Ask for prices on larger lots.

**LIME SULPHUR SOLUTION. 32°** Baume for livestock dip. Comes in 30 and 55 gallon drums. Shipment is made directly from St. Paul or Omaha warehouses. Prices upon application.

**LONDON PURPLE, Aeme. (P.)** A high grade, quick acting arsenical potato poison. Prices, postpaid, ¼ lb., 20c; 1 lb., 38c. F. O. B. here, ¼ lb., 15c; 1 lb., 30c; 4 lbs., 50c.

**LOUSE POWDER, Will's Pioneer Brand. Very efficient. For Poultry and Live Stock. Price, postpaid, 1 lb. can, 32c.**

**MEQ-181. Kills weeds in the lawn but does not hurt the grass. Made by Armour. Price, F. O. B. here, 1 qt. can, 65c; 1 gal. can, \$1.55.**

**PARIS GREEN, Aeme. (P.)** Powerful, quick-acting potato bug dope. Price, postpaid, 1 lb., 63c. F. O. B. here, 1 lb., 55c; 5 lbs., \$2.35.

**POTATO MIX, RED RIVER—Aeme. (P.)** Potato spray containing both copper and an arsenical. Controls insects and disease. Price, postpaid, 1 lb., 43c. F. O. B. here, 1 lb., 35c; 4 lbs., 85c.

**PRUNING PAINT, Aeme Kopper Shield. Prevents disease—Goes twice as far. Price, F. O. B. here, ½ pt., 25c; pt., 40c; qt., 75c. Postpaid: ½ pt., 32c; pt., 50c.**

**RAT BAIT—Topzol. (NP.)** Not harmful to man and domestic animals. Red Squill Baits packed individually. Scent-proof. Price, postpaid, pkg., 20c. F. O. B. here, 15c.

**SANASEED—Mouse Seed. (P.)** Natural mouse food. Very attractive to mice. Price, postpaid, pkg., 17c. F. O. B. here, 15c.

**SODIUM FLUORIDE. (P.)** Fine against roaches and stock lice. Price, postpaid, 1 lb., 38c. F. O. B. here, 1 lb., 30c.

**TOBACCO DUST. (P.)** Excellent against aphids and plant lice. Price, postpaid, 1 lb., 20c. F. O. B. here, 1 lb., 12c; 5 lbs., 50c.

**WEED KILLER—Aeme. (P.)** A powerful quick-acting arsenical weed killer for destroying weeds and all plant life on driveways, tennis courts, paths, etc. To spot out dandelion and certain other weeds in lawns, apply a few drops of undiluted Weed Killer to the crown of the plant. Apply with squirt bottom oil can. Price, postpaid: 1 pint, 45c. F. O. B. here, pint, 35c; quart, 55c; gallon, \$1.60.

REG. U.S. PAT. OFF.  
**CYANOGAS**  
CALCIUM CYANIDE

**KILLS RATS**  
**KILLS ANTS**  
**KILLS GROUND SQUIRRELS**  
**KILLS WOODCHUCKS**  
**KILLS MOLES**

**Instantly KILLS**  
**CYANOGAS ANT KILLER.** 4-oz. spouted tin—enough to kill a million ants. F. O. B. here, 30c.  
**CYANOGAS A-DUST.** A gas producing powder—kills all burrowing pests. F. O. B. here, ½ lb., 45c; 1 lb., 75c; 5 lbs., \$3.00.

**It's the Gas that Kills 'em!**

## CERESAN

### For Grain

For wheat, oats and barley smut control. F. O. B. Bismarck, 4 oz., 30c; 1 lb., 80c; 4 lbs., \$2.70; 25 lbs., \$15.00.

## SEMESAN

For Garden and Flower Seeds and Bulbs. Price F. O. B. Bismarck, 1/3 oz. pkt., 10c; 2 oz., 40c.

## SEMESAN, JR.

### For Corn

For Corn diseases. F. O. B. Bismarck, 1½ oz., 15c; 1 lb., 75c; 5 lbs., \$3.00.

## SEMESAN, BEL

### For Potatoes

Offers greater control of seed potato diseases. F. O. B. Bismarck, 2 oz., 30c; 1 lb., \$1.65; 5 lbs., \$7.15; 25 lbs., \$33.25.

Postpaid ¼ oz. pkt., 12c; 2 oz. pkt., 45c.

NORTH DAKOTA CUSTOMERS MUST ADD 2% SALES TAX ON INSECTICIDES



# Make More Profits WITH WILL'S PIONEER BRAND FEED CONTAINING

Prices quoted are  
subject to change  
and f.o.b. Bismarck

## MANAMAR

*Nature's Food Minerals From The Sea*

If interested in  
larger quantities,  
please write for  
delivered prices.

### MANAMASH

This is a Life Cycle Mash. Widely used as a Laying Mash—Starting Mash—Growing Mash. Ideal as a Turkey Growing Mash. Price: 10 lbs., 55c; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$3.25.

### SUPER MANAMASH

A Superior Starter and Broiler Ration. An excellent Laying Mash. May also be used as a Turkey Growing Mash. Price: 10 lbs., 60c; 25 lbs., \$1.05; 50 lbs., \$1.50; 100 lbs., \$3.55.

### TURKEY MANA

The Turkey Starting Mash Supreme. 25% Protein—produces birds with exceptionally fine frame and feather development. Price: 10 lbs., 65c; 25 lbs., \$1.20; 50 lbs., \$2.15; 100 lbs., \$4.10.

### 32% MANAMASH POULTRY SUPPLEMENT

Use your own grain. Mix with our 32% Concentrate containing ManAmar to make balanced rations. High protein Concentrates or Supplements are made purposely to be mixed with ground home-grown grains. They are too rich to be fed without mixing. The principal advantage of Concentrates, Supplements, or Balancers is the fact that they permit a greater use of home-grown grains. Each bag contains full instructions for mixing. Price: 25 lbs., \$1.25; 50 lbs., \$2.20; 100 lbs., \$4.25.

### 40% Hog Supplement

Vastly improved Hog Concentrate for profitable Pork production. Market your grains through hogs, the ManAmar way. You can save half of your grain for 100 lbs. gain over feeding grain alone by using Will's ManAmar Hog Supplement. Sounds too good to be true—well give it a fair trial and you will always use our 40% Hog Supplement. Price: 100 lbs., \$4.25.

### ManAmar PULLET BUILDER

An ideal growing mash especially built to bring pullets along for best results when the laying season starts and you switch to laying mash. Price: 100 lbs., \$3.10.

### ManAmar EGG GETTER

An 18% Laying Mash priced as low as it is possible and still furnish a good laying mash. Price: 100 lbs., \$3.10.

### CALF MANA

Raise your calves without milk. This is the famous New Jersey dry Mash formula with Man-

Amar incorporated. Price: 25 lbs., \$1.40; 100 lbs., \$5.00.

### GRANULAR CHICK GRAIN

A sifted, high quality granular grain feed to be used as a balance in conjunction with ManAmar during growing period. Price: 10 lbs., 40c; 25 lbs., 75c; 50 lbs., \$1.45; 100 lbs., \$2.75.



Art Lanz, Executive Secretary of the N. Dak. Poultry Improvement Board and inspectors testing White Rock R.O.P. candidates for pullorum at the Oscar H. Will Co. farm. We raise over 1000 baby chicks each year in connection with our feed experiments.

### MANAMAR

This nationally advertised protein-mineral concentrate is used as the basis of all our mashes. Protein 41%. Price: 5 lbs., 60c; 10 lbs., \$1.10; 25 lbs., \$2.00; 50 lbs., \$3.85; 100 lbs., \$7.50.

### FOWL FATTENER

Especially built to speed the finishing of any fowl. Best if used on birds in confinement for about 8 days. Price: 25 lbs., 75c; 50 lbs., \$1.35; 100 lbs., \$2.50.

### GAINES DOG FOOD

The choice of the U. S. Antarctic Expedition.

	Meal	Krunch-
	cons	
100 lb. bag....	\$8.30	\$8.90
50 lb. bag....	4.00	4.35
25 lb. bag....	2.15	2.30
10 lb. bag....	1.10	1.15
5 lb. bag....	.55	.60
2 lb. bag....	.25	.30

### OTHER FEED

	Ceiling Price	Or Below
	10 lbs.	100 lbs.
Alfalfa Leaf		
Meal .....	\$0.40	\$ 3.30
Bone Meal,		
Steamed .....	.50	3.90
Buttermilk, powdered .....	1.25	10.00
Calcium Carbonate, Oystershell flour .....	.20	1.20
Grits, Mica Crystal .....	.30	2.00
Mineral Mix, All Purpose .....	.40	3.20
Oats, Poultry Rolled .....	.50	4.00
Oyster Shell, Pilot Brand...	.20	1.20
Scratch Feed, Hen.....	.35	2.20
Sunflower, Hemp & Canary.....	1.25	....
Vitamin Feedoil Vitamin A&D—1 quart, 65c; 1 gallon, \$2.25.		
Wheat Germ Oil—4 oz. can, \$1.00; Pint can, \$3.50; Quart can, \$6.00; 1 gallon, \$19.00.		

E-V-LITE (Vitapane). The Modern Glass Substitute. Transmits over 60% of the Sun's ultra violet rays. Actually transparent. Withstands Sun, Wind, Rain, Snow. Use for poultry houses; hot and cold beds; Green Houses; Sun Porches; Storm Doors and Windows; Plants and Factories. 50 Foot Rolls (36" wide). Shipping weight, 5½ lbs. \$9.25 per roll F. O. B. here.

### Roultry Leg Bands

SPIRAL OR KEYRING. Colored Celluloid Leg Band. Single fold, different colors. Popular sizes in stock for immediate shipment. Uncommon sizes shipped direct from factory. Prices, postpaid, 50, 40c; 100, 70c.



400 fine hogs on our farm proving the value of Will's Pioneer Brand ManAmar 40% Hog Supplement. Upon request we shall be glad to send you an interesting booklet free, fully describing this outstanding Protein-Mineral-Vitamin concentrate.



# Fertilizers for All Purposes

Prices Subject to Change Without Notice.

Experiments during the past few years have shown that phosphorus is the most needed element in most prairie soils.

The three necessary elements in plant growth which are not always present in the soil are nitrogen, which stimulates luxurious growth; phosphorus, which has a tendency to force bearing and hasten maturity, and potash which stimulates growth, delays maturity of grains and grasses but hastens maturity in root crops. We offer these three elements separately below, nitrogen in the form of sheep manure, phosphorus in the form of bone meal and superphosphate, potash in the form of muriate of potash. Good combinations for general use are 400 lbs. superphosphate and 200 lbs. each of nitrate of soda and muriate of potash per acre or 8 per cent phosphate, 5 per cent nitrogen and 7 per cent potash.

For gardens, yards, lawns and small intensively cultivated areas the ready prepared fertilizers such as **Vigoro** are the most economical and convenient to use and the best adapted.

## VIGORO

Complete plant food

For lawn, flowers, small fruits and the vegetable garden **Vigoro** is the ideal fertilizer. Apply it to the lawn in early spring and watch the grass turn green and grow luxuriously. It improves both the quality and quantity of all kinds of flowers, both annual and perennial and will add greatly to the quality and the production of your vegetables, small fruits and ornamental shrubs.

Vigoro contains all the 11 elements needed for proper plant nourishment.



Use 4 lbs. to 100 Sq. Ft.—Prices F. O. B. Here

1 pkg., 24 tablets, 10c here; postpaid, 12c; 1 lb. pkg., 10c; 1 lb. pkg., 18c, postpaid.

Write for prices on larger lots

**PULVERIZED SHEEP MANURE.** This is by far the most concentrated of the cheaper fertilizers and is adapted especially for garden and lawn use. Use from 5 to 10 lbs. per 100 square feet. Price, 10 lbs., 40c; 25 lbs., 50c; 50 lbs., 70c; 100 lbs., \$1.00; 500 lbs., \$4.75; 1000 lbs., \$9.50; ton, \$18.00.

**MURIATE OF POTASH.** Promotes growth, delays development and causes longer growing in grains, grasses, flowers, but stimulates both growth and maturity of root crops such as beets, carrots, etc. F. O. B. Bismarck, 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.25; 100 lbs., \$4.00.

**SUPERPHOSPHATE.** Phosphorus is said to be the element the most likely to be lacking in the prairie soils of the Northwest, and is not supplied in any form by applying vegetable matter by turning under or otherwise. Use one to two hundred pounds per acre. It may be broadcasted on. Price, 46% formula, 10 lbs., 50c; 50 lbs., \$1.60; 100 lbs., \$3.00. Write for quantity prices.

**BONE MEAL.** (The phosphorus supplier. For fall application.) Causes fruiting and blooming in reluctant plants, flowers, shrubs and trees. Especially useful to stimulate bloom in peonies. 1 lb., 25c, postpaid. By express or freight, 10 lbs., 60c; 100 lbs., \$4.50.

## INOCULANT FOR LEGUMES

INOCULATE ALL LEGUME SEEDS WITH

### NITRAGIN

1898—FORTY-FIVE YEARS OF SERVICE—1943

When ordering, Always state name of seed.

#### ALFALFA

Swt., Bur, Hubam Clovers

Size	Retail
1/2 bu. each...	\$ .30
1 bu. each...	.50
2 1/2 bu. each...	1.00

#### CLOVERS

Medium and Mammoth Red, Alsike, Crimson and White Clovers

1/2 bu. each...	\$ .30
1 bu. each...	.50
2 1/2 bu. each...	1.00

#### PEAS (All Varieties)

VETCHES (All Varieties)

1/2 bu. each...	\$ .25
1 bu. each...	.35
1 1/3 bu. each...	.50
12 1/2 bu. each...	3.50

#### GARDEN SIZE — Garden Peas and Beans

Sweet Peas and Lupines

Enough for 6 lbs. seed — Retail Price 10c each

#### BEANS

String, Wax, Kidney

Size	Retail
1/2 bu. each...	\$ .25
1 bu. each...	.35
1 1/3 bu. each...	.50

#### LESPEDEZA

Small (Inoculates up to 50 lbs. seed)...

Large (Inoculates up to 100 lbs. seed)....

Small (Inoculates up to 120 lbs. seed) \$ .30  
5 bu. each..... .55  
25 bu. each..... 2.50  
(One can)  
30 bu. each..... 3.25  
(6-5 bu. cans)

SOYBEANS, LIMA BEANS, COW PEAS, PEANUTS

Small (Inoculates up to 120 lbs. seed) \$ .30  
5 bu. each..... .55  
25 bu. each..... 2.50  
(One can)  
30 bu. each..... 3.25  
(6-5 bu. cans)

**FRUITONE.** The hormone spray. Stops pre-harvest drop of apples and fruits. Contains the same chemicals found by the United States Department of Agriculture to be most effective. Holds apples on the tree to maturity of size and color. Also can be used to reduce gardenia bud drop. 2 oz. can \$1.00 (makes 25 gallons spray). 12 oz. can \$5.00 (makes 150 gallons spray).

**ROOTONE.** The newest marvel in chemical application to roots, plants, bulbs, etc. Stimulates root growth to an unbelievable extent and permits the quick rooting of cuttings. Minimum size package will treat several hundred items. Each, \$1.00; postpaid, \$1.10.

## VITAMIN B1—GROWTH STIMULANT

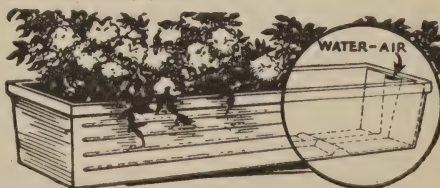
B1 Tablets, pkg., 25c; 27c, postpaid.

## VEGETABLE, FLOWER & FRUIT GROWER'S KIT

Hormones, Vitamins, Fertilizer, Growth Stimulants—Leaflets and Instructions. Enough to treat 800 to 1600 plants. Postpaid, each, \$1.40.

## PERFECTO WINDOW BOX

Comes in green. Built on scientific principles and to sell at a very reasonable price. Rust proof, light in weight, self-irrigating. Price F. O. B. Bismarck, 20 inch size, \$1.35; 26 inch, \$1.85; 32 inch, \$2.25.



**BARGAINS IN CARBORUNDUM FILES AND STONES.** Postpaid, No. 190, 10 in. long, 30c; here, 20c; No. 188, finer and flatter, postpaid, 30c; here, 25c; No. 192, heavy scythe stone, postpaid, 42c; here, 32c; No. 57, file, heavy stone file with handle, 14 in. long, postpaid, each, \$1.15; here, \$1.00.



# GARDEN TOOLS

Prices Subject to Change Without Notice



## CLIPPER CLEANERS

### The Best in Fanning Mills

We have used clippers ourselves for 60 years and consider them the best farm mill to be found. Extra screens for special work are sold extra at \$2.00 for the 1-B size, \$2.25 for the 2-B.

We can supply in 2 sizes—No. 1-B, screens 22 1/4 in. x 19 in., No. 2-B, screens 22 1/4 in. x 25 in. Average capacity 20 bu. for No. 1-B. Price, F. O. B. Bismarck; No. 1-B, \$51.50; No. 2-B, \$58.00.

## LANG'S HAND WEEDER

HANDIEST  
TOOL  
ON EARTH.



The ideal tool for the flower bed or small garden. A necessity to every gardener. Price, postpaid, 25c each; \$2.50 per doz.

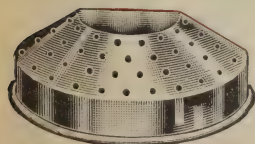


To broadcast Grain, Grass and Clover Seed. Also to Seed Onions and Rutabaga. Full instructions and directions on every machine. Price, postpaid, each, \$2.75; F. O. B. Bismarck, \$2.60.

## DOLLAR REVOLVING SPRINKLER

A durable sprinkler with a wide, even distribution of water in a fine spray. Each, \$1.00; postpaid, \$1.10.

### Victor Half Circle Sprinkler



Designed for the small lawn or the edges of drives and sidewalks. The spray is all thrown to one side. Each, 50c; postpaid, 55c.

## LAWN AND GARDEN HOSE

Hose Quoted Is 5/8 In.

**VICTORY HOSE.** This is a good average hose and will last out the war at least. Comes in 50 ft. lengths. Price, 50 ft., \$5.00.

**PRUNING SHEARS** Regulation sturdy pruning shears, easily tightened, with high grade steel blade. Each, postpaid, \$2.25.

**DOWAX.** To spray on evergreens and other Nursery Stock for winter protection. Price, F. O. B. here, 1 lb., 45c; 5 lbs. @ 42c.

**NEW SEAMLESS COTTON GRAIN SACKS.** F. O. B. here. Lots of 1 to 25, 50c each; bale of 100, \$46.00.

**HOSE COUPLINGS.** Easily inserted. Price per set, postpaid, 20c.

**HOSE MENDERS.** Conveniently and quickly inserted and clamped with a hammer. Postpaid, each, 20c.

**TWIST-EMS.** Handy devices to fasten plants to stakes, vines to netting and for similar uses. Box of 125—8 in., 25c; 30c, postpaid. Box of 250—4 in., 50c; 55c, postpaid.

## GARDEN SEEDERS & CULTIVATORS

We expect to be able to furnish some limited number of these tools. Write for prices and information as to makes available.



# Pioneer Nursery of the Northwest

## BISMARCK NURSERY (ESTABLISHED 1882)

Oldest Nursery in North Dakota—Member American Association of Nurserymen

**NOTICE TO CUSTOMERS: READ CAREFULLY.** We use our utmost endeavors to see that all stock shipped out is true to name and of the quality represented or better. In event that goods upon receipt prove to be wrongly marked or inferior we shall be glad to refund customer's money or replace the stock as he may elect. We are not responsible for damage to goods in transit, therefore you must examine at the express or freight office, and have any damage noted upon your express or freight receipt. We are always glad to replace goods injured in transit, providing receipt showing damage is returned to us so that we may enter claim and reimburse ourselves.

We do not guarantee safe delivery of mail orders but pack them just as well as we possibly can, and they are nearly always delivered in good condition.

**REPLACEMENT.** If stock arrives in good condition and our planting instructions are followed, we are willing to replace once any stock lost, at half price.

**CURRENTS AND GOOSEBERRIES** are subject to certain restrictions in states where 5-leaved pines grow, and we do not ship into such territory.

**TREES BY MAIL.** We can ship parcels up to 70 pounds. Where postage is not included, we will send stock C. O. D. to cover postage, you paying postage on receipt of trees.

**FALL PLANTING.** Peonies and other perennial flowers do exceptionally well when planted in Fall. Ask for special Fall Price List. Can also supply trees, shrubs, etc., at current catalog prices in Fall.

**PLANTING INSTRUCTIONS.** Complete planting instructions will be enclosed with each order of nursery stock when shipped.

**SHIPPING.** Orders will be forwarded at our discretion and when we can ship. Orders are not taken for shipment on any special date unless specifically so acknowledged. Express is the safest and quickest way to ship. Prices are F. O. B. here, customers paying transportation unless postpaid prices are definitely quoted.

**CANADIAN ORDERS** must go by freight or express, and must be received by us before May 1st. Permit number must accompany order.

**VISITORS WELCOME.** We are always glad to conduct you personally through our nurseries. Call at office on Fourth street, or go south on Seventh street, which will bring you into the nurseries.

**CERTIFICATE OF EXAMINATION.** Our nurseries are inspected annually by the State Horticulturist and his certificate accompanies each shipment.

**NORTH DAKOTA CUSTOMERS MUST PAY 2% SALES TAX ON NURSERY STOCK**

### TREES FOR YARD AND FARMSTEAD

Nursery Prices Marked Postpaid Apply to a Distance of Not Over 600 Miles or to no Zone Beyond the 4th

#### HARDY SEEDLINGS FOR GROVES, SHELTER BELTS, WINDBREAKS, HEDGES

	100	500	1000
<b>COTTONWOOD 6-10 in.</b> .....	\$0.50	\$2.00	\$ 3.50
10-20 in. ....	.70	2.50	4.50
20-30 in. ....	1.00	3.50	6.50
<b>CHINESE ELM 12-18 in.</b> .....	.80	4.00	7.00
18-24 in. ....	1.00	4.75	9.00
<b>AMERICAN ELM 12-18 in.</b> .....	.80	3.75	7.00
18-24 in. ....	1.00	4.00	8.00
<b>DIAMOND WILLOW 18-24 in.</b> .....	.80	2.50	4.75
Cuttings .....	.50	1.75	3.25
<b>HACKBERRY 18-24 in.</b> .....	2.00	...	...
<b>SIBERIAN CRAB 6-12 in.</b> .....	2.00	9.50	18.00
<b>CHOKE CHERRY 6-12 in.</b> .....	3.00	...	...
<b>NANKING CHERRY 12-18 in.</b> .....	2.00	...	...
<b>PIN CHERRY 12-18 in.</b> .....	2.00	...	...
<b>TART, HONEYSUCKLE 12-18 in.</b> .....	3.50	...	...
<b>GINNALA MAPLE 12-18 in.</b> .....	3.00	...	...
<b>SAND CHERRY 12-18 in.</b> .....	1.75	...	...

	100	500	1000
<b>GREEN ASH 6-12 in.</b> .....	\$0.60	\$2.50	\$ 4.75
12-18 in. ....	.75	3.50	6.50
18-24 in. ....	1.00	4.00	7.50
<b>RUSSIAN OLIVES 12-18 in.</b> .....	2.00	9.00	17.00
18-24 in. ....	3.00	...	...
<b>CARAGANA ARB 12-18 in.</b> .....	2.00	9.00	17.00
18-24 in. ....	3.00	...	...
<b>CARAGANA PYGMEA 12-18 in.</b> .....	4.00	...	...
<b>BUCKTHORN 6-12 in.</b> .....	2.50	...	...
<b>BOX ELDER 6-12 in.</b> .....	.50	2.40	4.25
12-18 in. ....	.60	2.75	5.25
18-24 in. ....	.75	4.50	8.50
<b>WILD PLUM 2-3 ft.</b> .....	2.00	9.00	17.00
<b>BUFFALO BERRY 18-24 in.</b> .....	3.25	...	...
<b>AMERICAN LINDEN 6-12 in.</b> .....	4.00	...	...
<b>COTONEASTER ACUT. 6-12 in.</b> .....	2.50	...	...
<b>SHEEP BERRY 12-18 in.</b> .....	4.00	...	...

**\$5.00**

#### SPECIAL WOODLOT AND SHELTER BELT BARGAIN

Trees Enough for One Acre of Ground  
 200 Cottonwood—10 to 20 in.      100 Russian Olive—12 to 18 in.  
 200 Green Ash—12 to 18 in.      100 American Elm—12 to 18 in.  
 200 Chinese Elm—12 to 18 in.      Total Value \$7.50

**\$5.00**

## HARDY EVERGREENS

for the NORTHWEST

Balled and  
Burlapped Stock

**COLORADO BLUE-SPRUCE** (*Picea pungens*). Not only the most beautiful of the spruces but one of the hardiest, being fully the equal of the Black Hills. Thrives in country windbreak or on town lawns. Transplanted stock. Price: 12 to 18 in., each, \$0.80; 5 for \$3.75; 18 to 24 in., each, \$1.25; 2 to 3 ft., each, \$3.50.

**N. D. Bad Lands Cedar** (*Juniperus scopulorum*). Our native type of the beautiful Rocky Mt. Juniper, with a large proportion of silver specimens. The hardest evergreen under most severe conditions and very ornamental too. Price: 12 to 18 in., each, \$1.00; 18 to 24 in., each, \$2.00; 2 to 3 ft., \$3.50.

**SCOTCH PINE** (*Pinus sylvestris*). Ours are grown from hardy Finnish seed. A fast growing and very handsome pine, very cold resistant. Each, 3 to 4 ft., \$3.00; 4 to 5 ft., each, \$4.50.



Colorado Spruce on a Farm Near Bowman, N. D.



Bad Lands Cedar.





Bush Juniper.

**NATIVE BUSH JUNIPER** (*Juniperus communis*). A beautiful low evergreen shrub and a worthy substitute for Pfitzer's which is not always hardy. For foundation plantings it is outstanding, grows only 2 ft. high and 3 ft. across. Price: 8 in. 75c; 5, \$3.50.

**PFITZER'S JUNIPER**. A low growing plant with foliage like scopulorum cedar, very popular for foundation planting. Price: 10 to 15 in. spread, \$2.00.

**BAD LANDS TRAILING JUNIPER** (*Juniperus horizontalis*). Color, a lovely bluish silver in summer, bronze in winter. A beautiful ground cover. Very hardy. Plants from rooted cuttings. Price: 2 to 3 ft. spread, \$3.00.

**N. D. BULL PINE** (*Pinus scopulorum*). One of the handsomest, sturdiest and most lasting of all our native shade trees. Perfectly hardy, a native of our Bad Land country where it climbs to the summits of the hills and buttes. Price: 4 to 5 ft., each, \$4.00; 6 to 8 ft., each, \$7.00.

**BLACK HILLS SPRUCE** (*Picea Albertiana*). Perhaps our most valuable evergreen for general planting in the Great Plains. A 30 ft. high shelter belt  $\frac{1}{4}$  mile long stands at the U. S. Great Plains Field Station at Mandan. Drouth resistant, cold resistant, sturdy and outstandingly ornamental is this grand tree. Price: 12 to 18 in., each, \$1.00; 4 to 5 ft., each, \$4.50; 5 to 6 ft., each, \$6.50.

## Colorado Blue Spruce Seedlings

Fine healthy seedlings of this hardy evergreen in 4 to 6 in. size. Should be set out in a bed 10 to 12 in. apart each way for two years and then transplanted to a permanent location. Price, postpaid: 50 for \$2.50; 100 for \$4.75. F. O. B. here, 100 for \$4.50.



Black Hills Spruce.

## SHADE AND ORNAMENTAL TREES WILLOWS

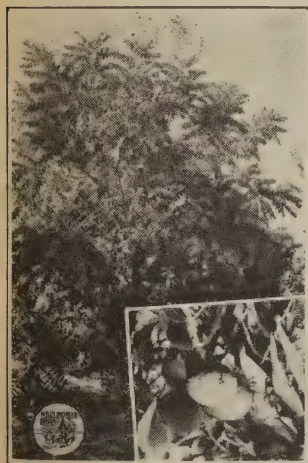
**WILLOW, GOLDEN**. A hardy strain of this handsome windbreak and shelter-belt tree. Rapid grower, good quality wood. Price, 2 to 3 ft., doz., 50c; 100, \$3.00.

**WHITE ENGLISH WILLOW**. Very hardy. A beautiful tree and does well in good, moist soil. 2 to 3 ft., doz., 70c.

**WILLOW, LAUREL LEAVED**. One of the hardy Russian Willows, fast growing, beautiful and the wood is of fair quality. Do not use except in fairly moist sections. Price, 18 to 24 in., doz., 70c.

**BRITZENSIS WILLOW**. Valuable as a large tree, a screen or in the shrubbery planting. Very useful as an ornamental due to the pleasing bright red color of the bark. Hardy but should have good soil. Each, 18 to 24 in., 15c; 10, \$1.00; 50, \$4.00.

For Diamond Willow, See Seedlings on Page 62.



Black Walnut.

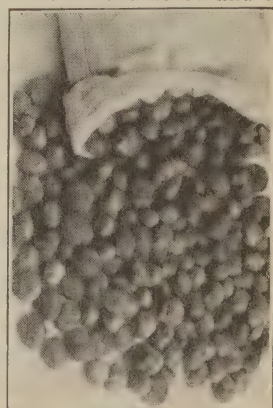
**BURR OAK** (*Quercus macrocarpa*). Native over most of the state and a lasting and handsome tree. Price, each, 3 to 4 ft., \$1.00. Seedlings, each, 15c; 10, \$1.25.

**BLACK WALNUT** (*Juglans niger*). One of the few nut trees that we can grow in North Dakota and then only from hardiest stock. Price, 2 to 3 ft., balled and burlapped, \$1.00; 3 to 4 ft., \$1.25.

**HORSE CHESTNUT**. The truly hardy and beautiful Ohio Buckeye, grown by us for many years. Price, 2 to 3 ft., \$1.00; 18 to 24 in., 75c.

**HAZELNUT**. The only plant bearing edible nuts native to North Dakota. Found over most of the state and perfectly hardy. Ours are from both species, the rostrata and americana. These can not be distinguished except from the fruit. 4 to 6 ft. tall, forming a dense bush, the nuts hang on in clusters, are relatives of the filbert, edible and pleasant to eat. Foliage takes on a lovely yellow in fall. Price, 12 to 18 in., transplanted stock; each, 35c; 10, \$3.00.

**BUTTERNUT**. A hardy relative of the Black Walnut. Each, 18 to 24 in., \$1.00; balled and burlapped,



Hazelnut.



Burr Oak.



**AMERICAN LINDEN or BASSWOOD.** A beautiful shade tree native in parts of North Dakota. Valued also for its high honey yield in early spring. Price, 5 to 6 ft., each, \$1.00.



Chinese Elm Windbreak.

**HYBRID ELM (Chinese-American Elm Cross).** A remarkable new result of the great spread of the Chinese elm, a natural cross. Seems to have good characters of both parents. 5 to 6 ft., each 75c; 5 for \$3.50.



Hackberry.

the top. Grows 1 to 3 ft. per year. For seedlings, see page 62; 4 to 6 ft., each, 25c; 10, \$2.00; 6 to 8 ft., each, 40c; 10, \$3.50; 8 to 10 ft., each, 75c; 10, \$7.00.

**NORTH DAKOTA COTTONWOOD (Populus deltoides).** The native cottonwood in spite of criticism and disparagement has definitely demonstrated in the past periods of extremely severe conditions that it is **outstandingly the best shelter belt, windbreak and fuel producing tree for the Northwest.** We have been headquarters for cottonwoods for sixty years. Prices: for seedlings, see page 62; 3 to 4 ft., each, 10c; 10, 75c; 4 to 6 ft., each, 16c; 10, \$1.25; 6 to 8 ft., each, 25c; 10, \$2.00.



Silver Poplar.

**NORTHWEST POPLAR.** A very handsome, hardy and quick growing poplar native to N. D. Said to be a cross between Balm of Gilead and Cottonwood. Price, 3 to 4 ft., each, 15c; doz., \$1.50; 4 to 5 ft., each, 20c; doz., \$2.00; 6 to 8 ft., each, 40c; 5, \$1.75.

**POPLAR, SILVER-LEAVED.** Smooth light bark, leaves dark green on top, silvery white beneath. Hardy and a rapid grower. Price, 4 to 6 ft., each, 40c; 5 for \$1.75; 6 to 8 ft., each, 60c; 5 for \$2.75.

**COTTONLESS COTTONWOOD.** We have again managed to start a supply of these selected cottonwoods which shed no cotton. 4 to 5 ft., each, 50c; 5 for \$2.25.

**POPLAR, BOLLEANA.** One of the most beautiful of poplars, tall and upright like a Lombardy in habit. Very hardy, silvery bark and silver lined, maple shaped leaves. Price, 3 to 4 ft., each, 50c; 5 for \$2.25.

**MOUNTAIN ASH (Sorbus Aucuparia).** Beautiful in spring with its clusters of white blossoms and in fall with its heavy bunches of red berries. Hardy with a fair moisture supply. Price, 3 to 4 ft., each, 80c.

**CHINESE or SIBERIAN ELM.** As a wood lot, shelter belt or grove tree and as a formal or natural hedge this tree has a very definite place in Northwestern planting. Drought resistant and rapid growing beyond almost any other sort. Price: seedlings, see page 62. 2 to 3 ft., 10, 50c; 50, \$2.00. 3 to 4 ft., each 15c; 10, \$1.25; 4 to 6 ft., each, 50c; 10, 4.50; 6 to 8 ft., each, 70c; 10, \$6.00; 8 to 10 ft., each, \$1.00.

**AMERICAN ELM (Ulmus Americana).** Our native white elm. Probably the most graceful and beautiful of our native trees. Excellent for farm planting in good soil as well as for lawn and boulevard. 3 to 4 ft., each 20c; 10, \$1.75; 4 to 6 ft., each, 50c; 10, \$4.50; 6 to 8 ft., each, 65c; 10, \$6.00; 8 to 10 ft., each, \$1.50; 10 for \$12.50.

**LAKE CITY ELM.** A tree for the street. An American Elm with upright habit and handsome shape which makes it especially suited to boulevard planting. Grafted stock: each, 5 to 7 ft., 75c; 5 for \$3.50.



American Elm.

**MAPLE, TARTARIAN.** A variety of maple; notable for the brilliance of its autumn foliage and the decorative effect of its bright red seed clusters in summer. Becomes a small tree. Price, 3 to 4 ft., each, 35c; 5 for \$1.50.

**MAPLE, GINNALA.** Another small maple, very hardy and much like the Tartarian. 1½ to 2½ ft., each 15c; doz., \$1.50.

**SOFT MAPLE.** We at last have developed a fairly hardy stock by selecting seedlings from a very hardy specimen. 4 to 5 ft., each, 40c; 5 for \$1.80.

**BOX ELDER or MANITOBA MAPLE.** Hardest of all the Maple family and our only native Maple. Prefers loam and heavier soils. A beautiful tree when properly trimmed and cared for. 4 to 6 ft., each, 30c; 10, \$2.75; 6 to 8 ft., each, 40c; 10, \$3.75.

**CUT LEAF WEeping BIRCH.** Perhaps our most beautiful lawn tree. Hard to establish but really hardy when once started. Needs plenty of water. Price, each, 5 to 6 ft., \$1.75.

**HACKBERRY (Celtis occidentalis).** One of the hardiest and handsomest of our native trees. Free from insect pests, well-shaped, it makes an ideal street tree. Price, 4 to 5 ft., each, 40c; 10 for \$3.75; 6 to 8 ft., each, 75c; 5 for \$3.50.

**GREEN ASH.** Our native ash, drouth, cold, heat and alkali resistant. A fine timber tree. Ash fence posts rank at



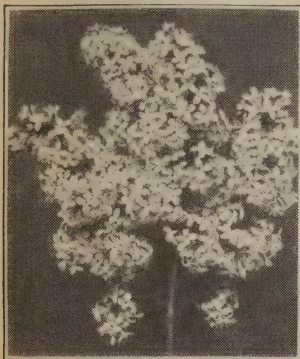
Cottonwood Wood Lot.



## FLOWERING AND ORNAMENTAL SHRUBS

Besides the shrubs listed we include a section of hedge plants which are equally valuable for shrubby plantings, and we would refer you also to such of the native fruits as sand cherry, native gooseberry, chokecherry and wild plum which work well in ornamental plantings.

Prices given are F. O. B. here, customer pays transportation by express. Shrubs may be sent by mail for ten cents each added to prices. The lighter plants are used and are cut back before mailing.



Persian Lilac.

**CHARLES X.** Color between lilac and violet, clusters of tremendous size. One of the favorites. Price, 18 to 24 in., each, 60c.

**MADAME LEMOINE.** A pure white double French hybrid. Price, 18 to 24 in., each, 60c.

**LUDWIG SPAETH.** Blooms early as do all the French hybrids. Does not spread



Prunus Triloba.



Pygmaea Caragana

### LILACS

**PURPLE LILAC.** The old favorite, one of the hardiest. Each, 18 to 24 in., 35c; 5 for \$1.50.

**PERSIAN LILAC.** Gradually replacing the older type because of its regular blooming habit and the fact that it spreads very little. Blooms a week or two later than the common. Color more purplish than the common. Price, 18 to 24 in., each 40c; 10, \$3.75.

**VILLOSA LILAC.** A rugged variety globular in shape, 6 to 7 ft. high with handsome foliage. A late bloomer, pale lavender pink flowers late in June. Price, 18 to 24 in., each, 55c; 5, \$2.50.

**DILITATA.** A new lilac with very large loose flower heads and large leaves. Color, lavender. Blooms very soon after planting and flowers come very early. An extra handsome member of the lilac group. Each, 18 to 24 in., 45c; 5, for \$2.00.

### HYBRID LILACS

**POCAHONTAS.** Another F. L. Skinner hybrid. A large blossom of very dark purple and fine shape. We feel that we have especially fine items in these Manitoba originations. Blooms very early. Price, 18 to 24 in., each, \$1.00.

**HIAWATHA.** A new type hybrid from the famous plant breeder, F. L. Skinner of Manitoba. Very late blooming. Foliage very large, flower clusters very heavy and of a deep rose color. Price, 18 to 24 in., each, 65c.

**EVANGELINE.** A dililita hybrid. Double flowers of deep lilac color. Blooms early. Does not sucker. Each \$1.25.

**PRUNUS TRILOBA (Double flowering plum—Chinese Rose Tree).** Perhaps the loveliest of May blooming shrubs. Double pink blossoms an inch across come before the leaves. Price, 3 to 4 ft., each, 75c.

**PURPLE LEAVED SANDCHERRY—CISTENA.** Grows 3 to 4 ft. high, spreading about the same. Foliage of a rich dark red, which makes a valuable contrast in shrub plantings. 2 to 3 ft., each, 50c.

**REDMAN CUTLEAF ELDER.** A selected and improved cutleaf red elder from the Morden Experiment Station. 3 to 4 ft., each, 50c; 5 for \$2.25.

**LORBERG CARAGANA.** Grows 4 to 5 ft. with graceful weeping branches and delicate fern-like foliage. Hardy and beautiful. Flowers come in spring, large and yellow. 18 to 24 in., each, 50c.

**CARAGANA FRUTEX.** Maximum size 4 to 6 ft., large single yellow flowers in May. Very handsome. 18 to 24 in., each, 40c; 10, \$3.75.

**CARAGANA PYGMEA.** The very dwarf type with large yellow flowers in June. Seldom grows over 3 ft. high. Neat and regular habit. Our nearest shrub to the brooms and heaths. Price, each, 12 to 15 in., 30c; 10, \$2.75; 6 to 10 in. sdgs., 10, \$1.00; 100, \$9.00.

**PRUNUS JAPONICA.** A shrub to 5 ft. tall, broad and graceful, white to pink flowers in early spring, followed in August by tremendous numbers of bright red fruits. 18 to 24 in., each, 60c.

**POTENTILLA.** We have two kinds, the fruticosa and veitchii. Both grow about 1 to 2 ft. high, large rose shaped blossoms. Fruticosa blossoms are yellow, veitchii white. Very useful as a low shrub blooming in July and August. Price, 18 to 24 in., each, 35c; 10, \$3.25.

**HAWTHORN (Crataegus).** A mass of white bloom in May and of bright red berries in August and September. Glossy leaves taking good fall colors. Max. height 8 to 10 ft. Its long thorns make it ideal for a hedge. Price, 18 to 24 in., each, 35c. See hedge plants (P. 67) for seedlings.

**PHILADELPHUS, PATRICIA.** This beautiful, large double, flowered syringa when planted in a protected spot is very satisfactory. One of the newest of the modern hybrids. Each, 18 to 24 in., 65c.

**DAPHNE CNEORUM.** A lovely little bush, about 1 ft. high, covered with showy pink flowers for much of the summer. Balled and burlapped. Price, each, \$1.25.

**CHINESE PEACH.** A wild shrubby peach from Asia with handsome flowers in early spring. The fruit is not edible. Very hardy. Each, 50c.



Villosa Lilac.



Hybrid Lilac.



Hawthorn.





Buckwheat Bush.

**BUCKWHEAT BUSH** (*atraxaxis buxifolia*). One of the rare late blooming shrubs. A mass of pink and white bloom in August and September. A highly esteemed new shrub. Very hardy and drouth resistant. 18 to 24 in., each, 40c; 5 for \$1.75.

**ARTEMISIA or OLD MAN.** A very hardy Russian shrub useful for a quick hedge. Grows 4 to 5 ft. in one season; feathery, thick foliage. Should be cut back each year. Price, 18 to 24 inch., each, 30c; 10, \$2.50.

**TAMARIX** (Dr. Yeager's hardy Amur). 6 to 8 ft. max. height, same breadth. Does not sap moisture from nearby plants. A feathery shrub with evergreen-like foliage bearing a dense mass of pink bloom in mid summer. Price, 18 to 24 in., each, 40c.



Tamarix.

**PRINSEPIA SINENSIS.** A cherry-like plant with bright yellow flowers in spring, followed by purple cherry-like fruit of good flavor. Very hardy. Each 60c.

**GOLDEN or BUFFALO CURRANT.** This lovely shrub with its bright yellow, fragrant flowers blooms in May. A native of our N. D. Bad Lands, very hardy. Maximum height 4 to 6 ft., fine fall colors. Does well in shady spots. Price, 2 to 3 ft., each, 35c; 10, \$3.00.

**FRAGRANT SUMAC** (*Rhus trilobata*). Native of western North Dakota this dark green shrub with bright red berries in fall and pleasant scented leaves grows from 3 to 5 ft. tall and just as broad. Very hardy. Each, 18 to 24 in., 35c; 10, \$3.00.

**SMOOTH SUMAC.** A hardy native. Notable for its very handsome foliage, its dark red fruit clusters which persist and its brilliant fall colors. Maximum height 5 ft. Price, 18 to 24 in., each, 40c; 10, \$3.75.

**SNOWBALL** (*Viburnum Opulus sterilis*). The snowball with its gorgeous display of big, white flower clusters in May or early June is an old favorite. Price, 18 to 24 in., each, 50c; 10, \$4.75.

**HIGH BUSH CRANBERRY** (*Viburnum americana*). Native of North Dakota. Maximum height 5 to 6 ft. First cousin to the snowball. Flat clusters of white flowers. In the fall covered with bright red berries and brilliant foliage. Price, 18 to 24 in., each, 45c; 10 for \$4.00.

**SHEEP BERRY** (*Viburnum lentago*). Flat clusters of small white flowers followed by black berries. Lovely shining leaves of dark green which become a rich red in the fall. Maximum height 8 to 12 ft. Price, 18 to 24 in., each, 30c; 10, \$2.50; 3 to 4 ft., each, 50c.

**MANCHURIAN APRICOT.** A large, very broad, handsome bush. The first shrub to bloom in the spring when it is entirely covered with pink and white bloom long before the leaves are out. 12 to 18 in., each, 20c; doz., \$2.00.

**SILVERBERRY.** Valuable for contrast because of its silvery color. Height, 3 to 5 ft. Small very fragrant yellow blossoms in June. A native. Price, 18 to 24 in., each, 35c; 10, \$3.00.

**BUFFALO or BULLBERRY** (*Shepherdia argentea*). A lovely silvery shrub bearing masses of brilliant red berries in late summer and fall. A handsome ornamental up to 12 ft. tall, a compact, handsome hedge plant. 2 to 3 ft. transplants, each, 20c; 10, \$1.75.

**DWARF SIBERIAN FLOWERING ALMOND.** Hardy, bears lovely pink blossoms profusely in May—height 18 to 36 inches. One of our best dwarf shrubs for severe conditions. Fall colors brilliant. Price, 18 to 24 in., each, 40c; 10, \$3.75.

**RED DOGWOOD.** As a shrub or hedge the white flowers, bright red bark, white berries and fall leaf colors are all beautiful. Grows 4 to 5 ft. high. Price, 2 to 3 ft., each, 35c; 10, \$3.00; 4 to 5 ft., each, 75c.

**MIXED TARTARIAN HONEYSUCKLE.** May flowering, very hardy, and striking. Shrub 5 to 8 ft. high, good as a hedge also. 2 to 3 ft., each, 30c; 10, \$2.75; 3 to 4 ft., each, 40c.

**RED HONEYSUCKLE.** An all red selection. 18 to 24 in., each, 40c; 10, \$3.75.

**FRAGRANT HONEYSUCKLE.** Somewhat smaller and finer than Tartarian. The flowers are unusually fragrant. Each, 2 to 3 ft., 45c.



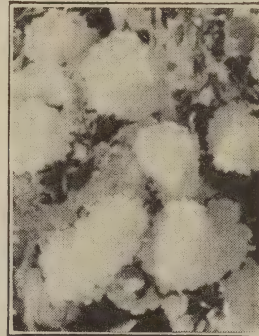
Golden Currant.



Siberian Almond.



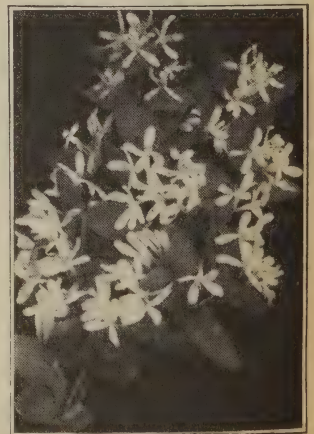
Buffalo Berry.



Snowball.



Sheep Berry.



Honey-suckle.



**MAY DAY BUSH.** Earliest blooming of all cherries in the spring and exceptionally beautiful. A more graceful type of chokecherry. Each, 2 to 3 ft., 40c.

**PURPLE LEAVED CHOKECHERRY.** A brand new introduction, selected by our Mr. Schubert from thousands of seedlings. Leaves are green at first then turn dark purple. Each, 2 to 3 ft., \$1.00.



Van Houtte.

**BILLARDI PINK.** This is an August blooming species, 36 in. maximum height, flowers in long spikes of rosy pink. Price, 18 to 24 in., each, 35c; 5 @ 28c.

**ARGUTA.** One of the earliest spireas, blooms before Van Houtte in the same graceful fashion. Very hardy, size at most 4 to 5 ft. Price, 18 to 24 in., each, 40c; 10, \$3.75.

**SORBARIA.** Foliage resembles Mt. Ash. Long feathery spikes of white bloom in July. Maximum height 4 to 6 ft. Blooms on new wood. Price, 18 to 24 in., each, 40c; 10, \$3.75.

**KOREAN SPIREA (Spirea trichocarpa).** Blooms after Van Houtte with larger flowers and heavier clusters. Hardest of the type, graceful. A real addition to your planting. 18 to 24 in., each, 50c; 5 for \$2.25.

**BANKS OF SNOW SPIREA (Pekowiensis).** The earliest blooming spirea we have. Very hardy and drouth resistant. Great garlands of creamy white bloom in May. 18 to 24 in., each, 60c; 5 for \$2.75.

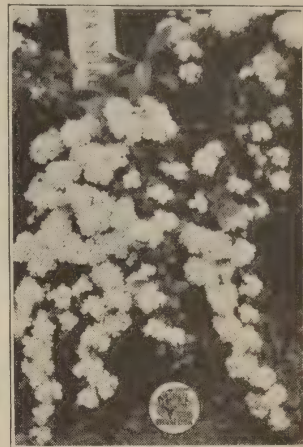
**MEADOW SWEET.** Our only native spirea. White flowered, mid-summer bloomer of the billardi type. Price, 12 to 18 in., each, 30c; 5 for \$1.25.

## SPIREA

**VAN HOUTTE or BRIDAL WREATH.** This established favorite with its masses of white flowers in May needs no long description. 18 to 24 in., each, 30c; 10, \$2.75; 2 to 3 ft., each, 35c; 10, \$3.25.

**FROEBELLI.** The best of the dwarf, late blooming spirea. Dark rose flower clusters in July and early August. Maximum height below 2 ft. Price, 18 to 24 in., each, 40c; 10, \$3.75.

**OPULIFOLIA (Ninebark or Hardhack).** One of the hardest of the spirea family. Maximum height 4 to 5 ft. Clusters of white flowers in June followed by showy red seed pods. Price, 18 to 24 in., each, 40c.



Korean Spirea.



Russian Olive.

## HARDY HEDGE PLANTS

**RUSSIAN OLIVE (Eleagnus angustifolia).** A thick growing, beautiful silvery hedge plant which withstands cold, drouth and alkali. Valuable as well in shelter belts and windbreaks. Price, see page 62 for seedlings; 2 to 3 ft., 100, \$4.00; 3 to 4 ft., each, 10c; 100, \$9.00; 6 to 8 ft., each, 35c; 10, \$3.20.

**SIBERIAN PEA (Caragana arborescens).** Makes a beautiful hedge, either trimmed or untrimmed, a perfect snow trap in the shelter belt. Highly drouth and cold resistant. In June covered with yellow flowers. Price, see page 62 for seedlings; 3 to 4 ft., each, 15c; 10, \$1.40.

**COTONEASTER (Acutifolia).** Experts now recognize it as probably superior even to privet for a low hedge. Perfectly hardy, handsome, clean and trims very well. See Page 62 for prices.

**BUCKTHORN.** A slow growing, very hardy and handsome hedge. Requires moisture and good soil. 6 to 12 in., 10, 50c; 100, \$2.50; 18 to 24 in., each, 20c; 10, \$1.75.

**HAWTHORN.** Price, 6-12 in., 10, 60c; 50, \$2.50.

**GOLDEN CURRANT.** Price, 18 to 24 in., 10, \$1.25; 50, \$6.00.

**RED DOGWOOD.** Price, 18 to 24 in., 10, \$1.00; 50, \$4.00.

Other hedge plants priced on Page 62: Chinese Elm — Tartarian Honeysuckle — Buffalo Berry — Pygmy Caragana — Nanking Cherry — Ginnala Maple — Sheep Berry.



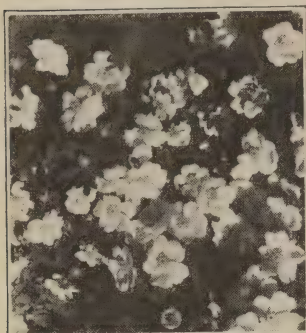
Chinese Elm Hedge.



Cotoneaster.



We are happy to announce here that we have been named U. S. representative for the products of MR. F. L. SKINNER'S MANITOBA HARDY PLANT NURSERY at Dropmore, Manitoba. Mr. Skinner is an internationally known breeder of lilies and other hardy plants.



Altaica

## HARDY ROSES

### JUNE BLOOMING

June blooming roses are the hardiest of all and require no protection at all so far as the hardy varieties which we list are concerned.

**BETTY BLAND**, a production of Mr. F. L. Skinner, is outstanding among hardy roses. It bears masses of perfect bright pink roses of good size in June, and is most ornamental with its glossy leaves and bright purple bark throughout the rest of the year. Grows 4 to 6 feet tall. Each, 60c; 5 for \$2.50. Smaller size for Hedges each, 40c; 10, \$3.50.



Betty Bland

**DAKOTA PRAIRIE ROSE** (*rosa pratincola*) is North Dakota's state flower. A bush 1 to 2 ft. high bearing in profusion large single roses in color from very pale to rose pink. Bright with large scarlet roseberries later in the season. Each, 40c; 5 for \$1.75.

**HARRISON'S YELLOW** is perhaps the best known and most common June bloomer. 5 to 6 ft. tall, it is a perfect mass of bright yellow, double roses, 1 to 2 inches across, for several weeks in mid-June. Each, 65c; 5 for \$3.00.

**BANSHEE** is a very hardy light pink rose from eastern Canada. Blooms are large, very double and borne in profusion during much of June. Bush 2 to 3 ft. tall. Each, 60c; 5 for \$2.75.

**DR. MEREKELEY**. A Skinner rose. Bears large pink, very double flowers in late June and July. A Siberian Rose of great hardiness as well as great beauty. Price, each, \$1.00.

**PIONEER HYBRID**. A chance cross from our nursery with *Rugosa* blood. A short, compact, well shaped bush, covered with large double pink blossoms in June. Price, each, 60c.

**ROSS CLIMBING ROSE**. The only really hardy rambler that we have found. Grows rather slowly but does not kill back. Blossoms are double and white. Named for Mr. Ross, Supt. of the Canadian Forestry Station at Indian Head, Sask., who found it. Price, each, \$1.50.

**AGNES**. The only yellow *rugosa* hybrid. Full double flowers of a lemon yellow color. 3 to 4 ft. tall, hardy, handsome. Each, 65c; 5 for \$3.00.

**ROSA ALTAICA**. A bush rose, 4 to 5 ft. tall, bearing large single, cream white roses with yellow centers in incredible numbers. The blooms last for several weeks and are followed by dark purple, ornamental fruits. Price, each, 75c; 5 for \$3.50.



Banshee



George Will Rose

### PERPETUAL BLOOMERS

The only really hardy bloomers of the Perpetual or repeating type are the *Rugosa* Hybrids which give us roses until well into autumn. Even they may kill back some or require some protection under extreme conditions.

**HANSA**. Hardest of the class. Sturdy bushes; very dark red, double flowers continuously borne through the summer. A fine landscape rose. Each, 60c; 5 for \$2.75.

**AMELIE GRAVEREAUX**. A smaller and more delicate plant. Flowers most double of the *rugosa* hybrids, bright red in color. Best of the class for cutting. Each, 60c; 5 for \$2.75.

**GRUSS AN TEPLITZ**. An extra hardy hybrid tea rose that has been sold under the names *Prairie Queen*, *Prairie King*, etc. It requires a little winter protection, but can be cut back in the spring and blooms on new wood. Price, each, 60c; 5 for \$2.75.

**SIR THOMAS LIPTON**. Best of the white *Rugosa* Hybrids. Two to 3 ft. tall, covered with a multitude of large, very double blooms most of the summer. Each, 60c; 5 for \$2.75.

**GEORGE WILL ROSE**. A hybrid with blood of *Rugosa*, hybrid tea and Arctic wild rose. Blooms early and often, a handsome double pink. Originated by Mr. Skinner. Each, 75c; 5 for \$3.50.

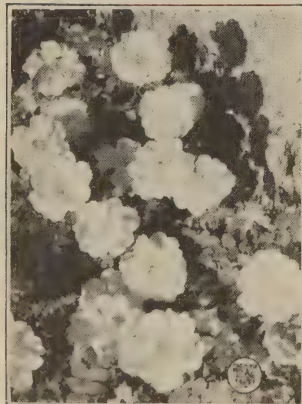
**GROOTENDORST**, the *Carnation Rose*, is a continuous bloomer and represents a new type, a cross between *rugosa* and baby rambler. Red flowers are borne in clusters and resemble carnations in appearance. Each, 65c; 5 for \$3.00.

**BELLE POITEVINE** is a sturdy, strong growing pink *rugosa* hybrid, bearing large bright pink, very double flowers. Each, 60c; 5 for \$2.75.

**SARAH VAN FLEET** produces large, very double flowers of an unusual pale pink shade. A strong bush with handsome foliage, 2 to 3 ft. tall. Each, 60c; 5 for \$2.75.

**JOHN McNAB**. A new Skinner Rose, double pink flowers borne in great numbers in June and occasionally the rest of the Summer. Price, each, 75c.

**RIDING MOUNTAIN**. Another Skinner rose. Flowers are double and bright pink, foliage shows *rugosa* blood. Small bush. Price, each, 75c.



Sir Thomas Lipton



Hansa





Englemann's Creeper



Yellow Clematis

## ORNAMENTAL VINES

**WOODBINE or VIRGINIA CREEPER.** The most popular porch vine in our list. Sometimes called 5-leaved ivy. Price, each, 30c; 10 for \$2.75. Postpaid, each, 35c.

**BITTERSWEET.** A native of great hardiness, noteworthy for the beautiful shape and color of the berries in fall. Single sexed so several must be planted to assure berries. Handsome foliage. Price, each, 40c; 10 for \$3.50. Postpaid, each, 45c.

**HOP VINE.** A handsome vine which grows 10 to 14 ft. in a season. The root lives over but the top dies back. Makes a heavy growth and does well in shade. Price, each, 25c; 10 for \$2.00. Postpaid, each, 30c.

**VARIEGATED HOP VINE.** Leaves are mottled green and white, otherwise like the common. Our stock came to us from the Yellowstone Valley a number of years ago. Price, each, 30c; 5 for \$1.25. Postpaid, each, 35c.

**ENGLEMAN'S CREEPER.** Resembles the woodbine, but has the added advantage of clinging tightly to brick, stone, concrete or stucco walls with no wires or other support. Price, each, 40c; 10 for \$3.50. Postpaid, each, 45c.

**MENISPERMUM.** A handsome, half woody climber whose handsome leaves resemble ivy. Does well in shade, prefers rich soil. Grows 10 ft. in a season and kills back part way. Price, each, 35c; 5 for \$1.50. Postpaid, each, 40c.

**CHINESE MATRIMONY VINE.** This is more of a trailing shrub than a climber. Useful on slopes, terraces and walls. Lavender flowers followed by bright red berries. Rapid grower. Price, each, 20c; 10 for \$1.75. Postpaid, each, 25c.

**CLEMATIS, JACKMANII—LARGE FLOWERED PURPLE.** One of the most beautiful plants that can be grown in the north. Needs some protection but is worth it. Price, each, \$1.00; 5 for \$4.00. Postpaid, each, \$1.10.

**CLEMATIS—LARGE FLOWERED YELLOW.** A very hardy large flowered type of great beauty. Price, each, 40c; 10 for \$3.50. Postpaid, each, 45c.

**CLEMATIS, WHITE or VIRGIN'S BOWER.** Starry, white flowers in July, feathery plumes in late summer and fall. Handsome, showy and very fast grower. Price, each, 35c; 10 for \$3.00. Postpaid, each, 40c.

**HYBRID CLEMATIS.** A dwarf, shrub-like form, 10 to 15 in. tall, with large bells of a lavender blue color for several weeks in mid-summer. Price, each, 35c; 5 for \$1.50. Postpaid, each, 40c.

**WILDGRAPE.** Useful and ornamental. See page 74.



Woodbine

## HARDY IRIS

Experience has shown that many fine iris are too tender for our climate. Accordingly we have once more called upon Rev. E. L. Jackson of Mitchell, South Dakota, and he has most graciously prepared for us a new and up-to-date list of hardy varieties. We feel that we are offering an outstanding selection.

### FINEST MIXED IRIS—All Named Varieties

The best mixture we have ever offered. Do not miss this bargain. Postpaid, each 12c; 10, \$1.00.

### DWARF EARLY IRIS

**ZWANENBERG.** A lovely little iris, crimson and maroon. Postpaid, each, 20c; doz., \$2.00.

**ARENARIA.** Dwarf, lemon yellow iris, very prolific, very early blooming, of value for edging, etc. Postpaid, each, 16c; doz., \$1.60.

**DARK BLUE PUMILA.** A very handsome early dwarf iris, 6 to 8 inches tall, blooms in early May, very hardy. Postpaid, each, 20c; doz., \$2.00.

**AZUREA.** A skyblue dwarf pumila iris, sturdy, hardy, early. Postpaid, each, 20c; doz., \$2.00.

**ROSE MIST.** Blended rose-lavender, just like the name implies. Early and a good grower on the prairie. A dwarf (Sass). Postpaid, each, 20c; doz., \$2.60.

**SNOW MAIDEN.** A striking pure white dwarf. Postpaid, each, 20c; doz., \$2.00.

One of each of the above, postpaid, for \$1.00

**EUROPEAN FLAG.** A tall, fast growing iris used for its foliage mostly around pools and water gardens. Postpaid, each, 20c; doz., \$2.00.

**MISSOURI WILD BLUE FLAG.** The native wild iris of the Midwest. Postpaid, each, 15c; doz., \$1.50.

### TALL BEARDED IRIS

**ALLUWEE (H. Sass 32).** One of the newer types of Variegatas, yellow standards and red falls. Postpaid, each, 30c; doz., \$3.00.

**AUTUMN KING.** With us only occasionally blooms in the Fall, although we understand that in some localities it regularly blooms twice. It is a fine purple in color. Postpaid, each, 20c; doz., \$2.00.

**BALDWIN.** Color a lovely violet. Very tall and long lasting. Postpaid, each, 20c; doz., \$2.00.

**THE BLACK DOUGLAS (J. Sass 1934).** This pansy violet of moderate size and height has the richest, most wonderful velvety texture of any deep violet. A very high class flower near black. Postpaid, each, 30c; doz., \$3.00.

**CRYSTAL BEAUTY (J. Sass 1935).** A large flowered self of pure white. Tall, well branched. Postpaid, each, 30c; doz., \$3.00.

**CLARIBEL (J. Sass 1936).** A large flowered plicata, white standard edged with blue, with 40 in. stems. Postpaid, each, 40c; doz., \$4.00.

**DAUNTLESS.** One of the very best of the reds. Tall and sturdy, color a rich velvety red. Postpaid, each, 35c; doz., \$3.50.

**DESERT GOLD.** A large, bright yellow with a lavender flush, very beautiful. Postpaid, each, 35c; doz., \$3.50.

**DOROTHY DIETZ.** Large, standard bright blue, falls pansy violet. Postpaid, each, 30c; doz., \$3.00.

**FRIEDA MOHR.** One of the iris aristocrats, very tall, very large, a lilac-rose bi-color. Postpaid, each, 30c; doz., \$3.00.

**GOLDEN LIGHT.** A highly ruffled and very free flowering cinnamon-orange buff affair. It completely displaces the older Euphony, and can be had at a remarkably low price. Fine for cutting and for garden effect. Postpaid, each, 30c; doz., \$3.00.

**IMPERIAL BLUSH (H. Sass 1933).** The finest of the large frilled orchid pinks. Postpaid, each, 30c; doz., \$3.00.

**IRMA POLLOCK.** One of the tallest and best of the reds, standard magenta, falls velvet carmine. Postpaid, each, 25c; doz., \$2.50.

**KING JUBA.** A variegated Iris combining rich yellow with garnet red. Tall and prolific. Postpaid, each, 25c; doz., \$2.50.

**KING MIDAS.** Very early and striking color, a blending of golden buff and garnet brown. Postpaid, each, 20c; doz., \$2.00.



**KING TUT.** A medium sized Iris of a surprising chestnut red color, striking and vigorous. **Postpaid, each, 22c; doz., \$2.20.**

**MIDGARD.** A soft creamy pink, prolific, sturdy. **Postpaid, each, 20c; doz., \$2.00.**

**MILDRED PRESBEY.** A striking combination of pure white and blue. **Postpaid, each, 20c; doz., \$2.00.**

**PERSIS (Ayers 1929).** One of the most distinctive of all varieties. A blend of silvery lavender, dove gray, and rich purple. Very beautiful. Good grower. **Postpaid, each, 30c; doz., \$3.00.**

**PRAIRIE GOLD.** A Great Plains type—hardy and beautiful; very large yellow flowers. **Postpaid, each, 20c; doz., \$2.00.**

**RAMESES.** One of the very finest of all Iris—golden buff and pink, with a large sturdy growth and many blooms. **Postpaid, each, 20c; doz., \$2.00.**

**ROBERT.** Very tall. Standards golden amber, falls with a blue flush. Very unusual. **Postpaid, each, 30c; doz., \$3.00.**

**SHASTA.** One of the hardest whites, easy to grow, very rugged, tall. **Postpaid, each, 30c; doz., \$3.00.**

**SIERRA BLUE.** A soft, clear, enamel-like blue. It is of tall and stately habit, sometimes reaching over 5 feet, with many buds to the stalk. In 1935

it won the Dykes medal, and is a consistent flower show winner. **Postpaid, each, 35c; doz., \$3.50.**

**SENSATION.** Cornflower blue, very large, a wonderful keeper, heavy, firm petals, fragrant. Much better than Lord of June which it resembles. **Postpaid, each, 30c; doz., \$3.00.**

**TROSTRINGER.** A beautiful pink in two shades. Very hardy and blooms the first year. **Postpaid, each, 25c; doz., \$2.00.**

**VARESE.** An unusually beautiful red purple in color. **Postpaid, each, 25c; doz., \$2.50.**

**VIOLET CROWN (Kirkland 1931).** While there are many blues and many pinks of recent origin there are very few blends of lavender in the intermediate shades. This is the outstanding lavender in Iris. It is really a deep tone of lilac with rich glistening texture. Fine height, fine branching and a good grower. Can stand the heat of the prairies very well. **Postpaid, each, 30c; doz., \$3.00.**

**WM. MOHR.** A brand new type of Iris, the pogocyclos hybrid. Nothing else like it. A monster flower, of medium height, with small foliage. Does better if divided and transplanted at least every other year. **Postpaid, each, 30c; doz., \$3.00.**

**WACONDA (H. Sass 31).** Red with good carrying power. A deep red self. **Postpaid, each, 30c; doz., \$3.00.**

## HARDY PEONY ROOTS

### FINE MIXED PEONY ROOTS

A mixture of good named varieties. **Postpaid, each, 25c; 10 for \$2.00.**

#### REDS

**FELIX CROUSSE.** Blooms late mid-season, a bright rich ruby red—a heavy bloomer and excellent for cutting. **Postpaid, each, 50c; 5 for \$2.25.**

**MARY BRAND.** Listed as one of the dozen best reds. Mid-season rose type. **Postpaid, each, 90c.**

**PHILIPPE RIVOIRE.** Most perfect of all reds. Late. **Each, \$2.00, postpaid.**

**KARL ROSENFELD.** Early mid-season, dark red, rose type. **Postpaid, each, 70c; 5 for \$3.25.**

**LONGFELLOW.** Early mid-season, a bright crimson. **Postpaid, each, 80c; 5 for \$3.75.**

#### PINK

**SARAH BERNHARDT.** A large mid-season beauty, apple blossom pink. **Postpaid, each, 75c; 5 for \$3.50.**

**JULES ELIE.** Early. The finest and largest of all bright pink peonies. **Postpaid, each, 65c; 5 for \$3.00.**

**CLAIRE DUBOIS.** A late, very double, rose pink peony, very large. **Postpaid, each, 65c; 5 for \$3.00.**

**MYRTLE GENTRY.** A most perfect and prolific sort. One of Brand's eight best. Color, blush white; late. **Postpaid, each, \$1.25.**

**THERESE.** The most popular pink, early mid-season, apple blossom shade. **Postpaid, each, 75c; 5 for \$3.50.**

#### WHITES

**COURONNE D'OR.** A late bloomer, bears very heavily; a beautiful white with a circle of golden stamens, and the latest peony to bloom—a perfect finish to the peony season. **Postpaid, each, 50c; 5 for \$2.25.**

**MADAME EMILE GALLE.** An unusual shade of lilac shaded white. Mid-season. A profuse bloomer. **Postpaid, each, 60c; 5 for \$2.75.**

**FESTIVA MAXIMA.** One of the largest of all Peonies. Usually carries a crimson fleck at the center. Early rose type. **Postpaid, each, 60c; 6 for \$3.25.**

**MADAME LEMOINE.** A medium late golden white, very full and prolific. **Postpaid, each, 60c; 5 for \$2.75.**

## NEW—HARDY—PERENNIAL PHLOX from Manitoba

**ADA BLACK JACK.** A bright rose pink. **Postpaid, each, 30c; 5 for \$1.25.**

**PYRAMID WHITE.** Very full compact clusters. **Each, 40c; 5 for \$1.80, postpaid.**

**BOUGHEN.** A sport from Pyramid, color a lavender pink. **Postpaid, each, 45c; 5 for \$2.00.**

**DIVARICATA.** Wild sweet William. Blue spikes 10 to 18 in. tall. **Each, 25c; doz., \$2.50.**

**SUBULATA.** A ground cover bearing large pink flowers. **Each, 25c; doz., \$2.50.**



Pyramid Phlox



Ada Black Jack Phlox



Mrs. Heath Aster

## PERENNIAL ASTERS—Autumn's Glory

**MRS. FANNY HEATH.** A late bloomer of the New England species and the most beautiful rose colored aster we have ever seen. Height 4 to 5 ft., flowers very numerous and very large. **Each, 40c; doz., \$4.00; postpaid, each, 45c; doz., \$4.50.**

**Prices of those below each, 20c; doz., \$2.25; postpaid, each, 24c; doz., \$2.40.**

**DAKOTA PINK.** A very hardy upland native with unusually large flowers. 1 to 2 ft., blooms in September.

**DAKOTA BLUE.** Same as the pink but with a clear blue color.

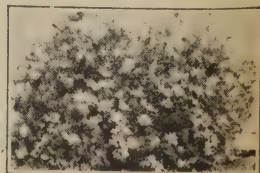
**GARLAND.** Blooms late August. Flowers in graceful festoons of white on slender stems.

**SHADY PLACE (laevis).** 2 to 4 ft. Flowers light to dark blue. August blooming. Thrives in shade.

**GOLDEN (chrysopsis).** Bright masses of gold in August and September contrast in mixed plantings with the blues and pinks.

**NEW ENGLAND.** Tall, 4 to 5 ft., blooms in September, a rich dark blue.

**MICHAELMAS DAISY.** A tall, pale, blue, blooming late and very profusely. A cross between our native shady place and the English aster.



Dakota Pink Aster



# REALLY HARDY FALL FLOWERING CHRYSANTHEMUMS

The Crowning Glory of Autumn Gardens

These extra hardy mums in a varied riot of colors have been secured by us from the Bureau of Plant Industry, U. S. D. A., from the Minn. Expt. Sta. and from Canada. As a foundation planting or border they bloom well into October after all other flowers are gone. Price, each, 30c; doz., \$3.00; postpaid, each, 35c; doz., \$3.50.

**ALGONQUIN.** Early yellow.  
**POCATELLO.** Double white. Mid-season.  
**LARAMIE.** Double, rose-colored, early.  
**MANANTICO.** Dark rose pink, early.  
**TETON.** Early single white.  
**UNTA.** Semi-double, dark bronze, late September.  
**OGALLALA.** A tall, dark red, mid-season.  
**ABSAROKA.** Mid-season, large bronze yellow.  
**RED WING.** Dwarf, handsome red.  
**DULUTH.** Tall, brilliant lemon, mid-season.  
**WELCOME.** Bright rosy purple, mid-season.  
**WINOOSKI.** Latest of all. Very profuse double white.  
**HARMONY.** A harmony of wonderful bronze and yellow in combination.



Hardy Chrysanthemums

## LILIES

PRICES UNLESS OTHERWISE QUOTED: Each, 20c; doz., \$2.00. Postpaid, each, 22c; doz., \$2.20.

**SINGLE TIGER LILY.** Blooms in July. 2-4 ft.  
**DOUBLE TIGER LILY.** Lighter shades and more delicate blossoms. One to three weeks later. Same height.  
**FORTUNE TIGER LILY.** A later and taller form of the tiger lily. It grows 5 to 6 feet tall and blooms the latter part of August. Each, 25c; doz., \$2.50; postpaid, each, 30c.

**BLACKBERRY LILY.** A small lily with mottled red flowers, 2 to 3 ft. tall, foliage resembles iris. Blooms through July.  
**DAURICUM OR CANDLESTICK LILY.** Grows 2 feet high, bears clusters of orange red flowers resembling the Elegans, but the plant is a trifle taller and later, the flowers larger. Postpaid, each, 30c; doz., \$3.00.

**CORAL OR TENUIFOLIUM.** Blooms in May and June. Spikes 18 in. to 2 ft. tall, bear numerous bright red flowers, facing down and with reflexed petals. Native of Siberia.

**GOLDEN GLEAM.** Derived from the Coral Lily which it resembles in every way except for its attractive orange color.  
**ELEGANS or RED RUSSIAN.** An old fashioned favorite 18 in. tall with clusters of red bells turned to the sky. Blooms in June.

**PHILADELPHICUM OR WILD LILY.** A form of our native Flame Lily, from Canada, very hardy; blooms in late June and July, when they streak the low prairies with red splashes.

**PHILADELPHICUM HYBRID No. 12.** One of F. L. Skinner's crosses. A short heavy stem with large flowers, resembling the Elegans in some ways, but bears more and heavier bloom. Each, 30c; doz., \$3.00; postpaid, each, 35c.

**MARIPOSA LILY.** A native of the Dakota Bad Lands and the Rockies. Sometimes called Butterfly Lily or American Tulip. Blooms in early June. Lovely tulip-like white blooms with colored centers on waving stems 10 inches high.

**DAYMOTTIAE.** One of the Canadian hybrids 4 to 5 ft. tall with many blooms. Price, each, 45c; postpaid, 50c.

**LILY OF THE VALLEY.** The outstanding early flower for

very shady locations. Each, 30c per clump; doz., \$3.00; postpaid, each, 35c.

**FRITILLARY LILIES.** A small, very early blooming native, bright yellow lily; also brown checker board lily.

**SKINNER'S AZALEA LILY.** One of his newest and finest. 26 to 30 in. high with massive clusters of apricot blossoms carried erect, 18 to 24 to the stalk. Each, 70c; postpaid, 75c.

**THE W. A. SIMMONS LILY.** This lily, another Skinner hybrid with the native lily, resembles Dauricum but is an exceptionally heavy bloomer and the flowers are of a handsome orange color.

**WHITE MOUNTAIN LILY (Leucocrinum).** A native lily which appears in May. A cluster of fragrant funnel-shaped flowers in a rosette of narrow leaves springing directly from the ground surface. Fine for edging.

**SCOTTIAE LILY.** Another Skinner production. Glossy dark green foliage, bright orange flowers facing outward from a sturdy stem 2 to 3 feet tall. An outstandingly beautiful lily. Blooms in July. Each, 70c; postpaid, 75c.

**CONCOLOR.** A distinctive dark red, mid-season lily with flowers in a cluster of 3 to 5 and upturned. Unusual and very handsome. Each, 30c; doz., \$3.00; postpaid, each, 33c; doz., \$3.30.

**AMABLE.** A new lily from Korea. Perfectly hardy. Blooms after the Coral Lily. 2 to 3 ft. tall. Many flowers on a spike.

**MAXWILL.** One of Mr. Skinner's finest, for which he was recognized by the Royal Horticultural Society of London. Flowers nodding, like the Coral Lily on a very large scale, stalk 6 to 7 ft. tall, covered with many of the large bells. Blooms in July. Each, 75c; postpaid, 80c.

**HEMEROCALLIS DUMORTIERI.** Blooms in June; 18 in.; flowers orange yellow. **HEMEROCALLIS MIDDENDORFFI (Amur Day Lily).** Blooms in June and July; height 2 to 3 feet; flowers bright yellow. **HEMEROCALLIS THUNBERGII.** Blooms in July; height 2 to 3 ft.; flowers clear yellow and fragrant. Each, 20c; doz., \$2.00. Postpaid, each, 22c.

## GENERAL FLOWERING PERENNIALS

Prices Unless Otherwise Quoted:

Each, 20c; doz., \$2.00. Postpaid, each, 22c; doz., \$2.20.

**ACHILLEA.** The Pearl. White, aster-like blooms, June-Sept., 18 in.

**BABY'S BREATH.** Standard. Feathery white, 18-24 in. Blooms all season.

**Pacific.** A large flowered type, entirely hardy. Each, 35c; doz., \$3.50. Postpaid, each, 40c; doz., \$4.00.

**Bristol Fairy.** Large double Baby's Breath, grafted roots. Each, 40c; doz., \$4.00. Postpaid, each, 45c; doz., \$4.50.

**BLEEDING HEART.** Blooms in May. Each, 40c; postpaid, each, 45c.

**BOUNCING BET (Saponaria).** Pinkish white, 12-18 in., blooms all season. Resembles Phlox.

**CAMPANULA.** Rapunculoides. Blue Bell. 30 in. Blooms June and July.

**Carpatia.** A 6 to 12 in. Blue Bell with large, bright blue bells.

**Rotundifolia.** The delicate and early Scotch Blue Bell.

**COLUMBINE.** Canadensis. Red and yellow. Rocky Mountain. Lovely blue, blooms in June. 18 in.

**Hybrid.** Mrs. Scott Elliott hybrids in a variety of shades. Liberty Bell; a cream colored native of Montana.

**CREeping BUTTERCUP.** A ground cover useful around pools, etc.

**DAISY.** Shasta. Blooms from June till fall. 12 to 18 in. Giant. 3 to 5 ft. Blooms profusely late in season.

**Painted.** 12 to 18 in. Blooms all season. Rose color.

**DIANTHUS DELTOIDES.** We have this hardy pink in these varieties—Requierei, Splendens.

**ERYNGIUM.** Sea Holly. 18 to 36 in. At blooming time the whole plant is blue.

**GAILLARDIA.** Blanket Flower. 12 to 18 in. Blooms all season.

**GOLDENGLow.** Double, each, 25c. Postpaid, 30c.

**HEARTSEASE.** A lovely little plant like a small pansy, a favorite in old gardens.

**HOLLYHOCK.** We have a lovely selection of colors. Single and Double, each, 25c; doz., \$2.50. Postpaid, each, 30c.

**ICELAND POPPY.** 12 to 15 in. tall. Mixed orange, white and yellow. Blooms all season.

**LYCHNIS.** Perennial with the brightest of scarlet blossom clusters.

**LINARIA.** Butter and Eggs of old-fashioned gardens. Looks like a yellow and white snapdragon.

**PHYSOSTEGIA.** Tall stems topped by white snapdragon-flowers blooming in August.

**PLATYCODON.** Chinese Bellflower. Comes in blue or white. Blooms July and August. Ht. 18 to 30 in. Also double blue at 5 cents each higher.

**POPPY MALLOW.** A low-growing plant of the ground cover type. Blooms most of the season. Flowers a handsome purple, large and poppy-like.

**ROSEMARIE.** A double, perennial pink morning glory.

**SWEET WILLIAM.** Perennial member of the pink family with a variety of shades.

**SEDUM.** Spurium. Pink flowers. Ground cover. Spectable. Handsome foliage and fleshy leaves and stalks, up to 1 foot high.

**Kamschatkian.** Low ground cover with yellow flowers.

**SIBERIAN SWEET PEA.** A rose purple flowered dwarf perennial that blooms over a long period.

**SIBERIAN LAVATERA.** 3 to 5 ft. A pink flowering hardy and long blooming perennial with a 3 foot spread.

**STATICE.** Resembles Baby's Breath but of a lavender color.

**TANSY.** Plover Head. Clear yellow flowers in clusters from July on. 2 to 4 ft. A medicinal herb.

**VERONICA SPICATA.** Long, graceful spikes of clear blue in July.

**VIORNA SCOTTIAE.** A low growing member of the clematis family. Lavender bells in July.



**Morden Hybrids**

**CERASTIUM.** A ground cover plant with myriads of white blooms.  
**CONEFLOWER, Pink (echinacea).** 18 to 36 in. July bloomer. Large pink blooms with brown cone-like centers. **Prairie (ratibida)** 12 to 18 in. Blooms July and August. Handsome combinations of red, brown and yellow.  
**ERIGERON (flagellaris).** A thick green ground cover, set throughout the summer with pretty daisy-like blooms. Like a carpet.  
**FLAX, Native Blue.** Graceful masses of heavenly blue flowers, renewed every morning for weeks. June to September. 18 in. tall.  
**GOLDEN ROD (Solidago).** We have a tall July blooming variety 18 to 24 in., and an August blooming 12 to 18 in. species, both of the graceful, slender type.  
**GUMBO LILY—Cowboy Lily (White evening primrose).** One of the most beautiful of the Bad Lands flowers, 4 to 6 in. high with huge white blossoms which turn pink as they age. Blooms from May through the season.  
**GUTIERREZIA—Golden Dome.** 6 to 12 in. Blooms late July and August. Perfect domes of small closely set bright yellow flowers.  
**HEUCHERA (Alum root, coral bells).** A native in shaded and semi-shaded spots and very good for such locations.  
**LUPINE (Argentea).** A very attractive and hardy native perennial, blooms in July.  
**MEADOW RUE (Thalictrum).** Feathery clumps with foliage like columbine. 3 to 5 ft. June bloomer.  
**MERTENSIA (lanceolata)—PRAIRIE BLUEBELL.** 6 to 10 in. tall. Blooms in May and early June with a cluster of bright blue bells. **WE can also supply a white variation.**  
**RED MALLOW (malvastrum).** Known to prairie children as "wild geranium," 4 to 6 in. tall. Blooms from May to July with many scarlet flowers.

**Yucca**

**SPIDERWORT (Tradescantia).** 8 to 18 in. Striking blue flowers in June and July coming out fresh each morning. Grass-like foliage. We have also the red type.  
**SENECIO (Ragwort).** One of the best known of the extra early prairie flowers. Clusters of bright yellow bloom.  
**STANLEYA (Pinnata).** A very striking native from the Bad Lands. 2 to 3 ft. tall and covered with long, feathery yellow spikes in June and July.  
**SUNFLOWER MAXIMILIANII.** The tall perennial sunflower of the valleys and meadows. Resembles Golden Glow.  
**THERMOPSIS.** The common Yellow Sweet Pea of our west-

**DAKOTA CACTI** Each, 25c; Dozen, \$2.50. Postpaid, each, 30c; dozen, \$3.00.  
**OPUNTIA POLYACANTHA.** With the lovely lemon to orange clusters of flowers in July. The common prickly pear.  
**OPUNTIA HUMIFUSA.** Like the above but with heavier joints and longer, white spines. Yellowish green flowers, red fruits.  
**OPUNTIA FRAGILIS.** Another type with slender joints and more delicate spines. Pale yellow flowers.  
**OPUNTIA RUTILA.** Resembles the regular prickly pear but bears lovely carmine flowers instead of yellow.  
**MAMILLARIA VIVIPARA.** The pincushion cactus with the rose colored flowers.

### PENTSTEMONS

These outstanding lovely western perennials are found at their best on the Great Plains and in the mountains. We are offering this year six different kinds, all very striking and handsome. **F. O. B. here, each, 18c; doz., \$1.80. Postpaid, each, 20c; doz., \$2.00—all one kind or assorted.**  
**GLAIBER.** 1 to 2 ft. tall. Blooms in June and through July. The clearest of blues, flowers 1 inch across on long spikes.  
**MISSOURIENSIS.** A very dwarf vivid blue flower, even smaller than Nitidus. Each plant bears a whole cluster of flower stalks.  
**GRANDIFLORA.** 18 to 24 in. tall. Blooms in late June. A tall spike of lavender bells an inch across and of tremendous attractiveness.  
**DWARF BLUE (Nitidus).** The deepest blue of the group, 6 to 12 in. tall; blooms in May and early June.  
**CRISTATUS.** A hardy Bad Lands species. 10 to 16 in. tall with hairy leaves and close spikes of very larger lavender purple bells.  
**ANGUSTIFOLIA.** 12 to 18 in. tall, bright blue spikes with flowers crowded on them. Blooms in June.

### DELPHINIUM

Prices unless otherwise quoted: Each, 20c; doz., \$2.00. Postpaid, each, 22c; doz., \$2.20.

**NEW ZEALAND.** This lovely, dark blue delphinium came to us from a New Zealand gardener. It seldom exceeds 2 ft. in height, is bushy and literally covered with fine dark blue blossoms in the regular chinensis type of spikes.  
**WHITE NEW ZEALAND.** The same plant as above, in pure white.  
**BELLADONNA.** 4 to 5 ft. Long spikes pale blue flowers.  
**BELLAMOSA.** The dark blue, slender type, 24 to 48 in.  
**MORDEN HYBRIDS.** A very large and showy flower of Morden Station breeding. Comes in various shades and with very double flowers. Best of the hardy type. Each, 40c; doz., \$4.00; postpaid, each, 50c; doz., \$5.00.

### NATIVE PERENNIALS of the PLAINS & MOUNTAINS

Prices unless otherwise quoted: Each, 20c; doz., \$2.00; postpaid, each, 22c; doz., \$2.20.

**ACTINELLA (Butte Marigold).** A handsome Alpine for early summer.  
**ANEMONE (Canadensis).** Large waxy flowers in late June. Bright green foliage.  
**AMORPHA, fruticosa.** Finely cut leaves, purple bloom in July. 4 to 6 ft.  
**AMORPHA, Canescens, Lead Plant.** Gray foliage. Spikes of purple and gold in July.  
**BITTER ROOT (Montana State Flower).** Blooms in very early spring.  
**BLAZING STAR (diatriis—short).** 12 to 18 in. Spikes of purple buttons in July.  
**Gay Feather—tall:** 18 to 24 in. Comes in white or purple. Much used as a cut flower.

**BLUE EYED GRASS.** A dainty grass like plant of the iris family with a blue star on each stem. 12 in. Blooms in June.

**Gumbo Lily****Pasque Flower**

**MONARDA (fistulosa).** Blooms July and August. 12 to 18 in. Called horsemint. Flower heads of lavender pink.

**MISSOURI PRIMROSE.** A relative of the gumbo lily in the evening primrose family. Huge yellow flowers 4 inches across, open every morning.

**FLOWERING ONION (Yellow and Pink).** Graceful and pretty members of the lily family blooming in June and July.

**PRAIRIE PHLOX.** Both douglasii and andicola. The creeping, hardy ground cover which becomes a mass of fragrant white stars in May.

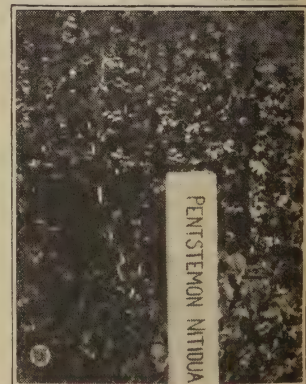
**PASQUE FLOWER — PRAIRIE CROCUS (Pulsatilla patens).** The first prairie flowers of spring.

**PRAIRIE CLOVER (Petalostemum).** 12 to 18 in. Midsummer blooms of purple or white on cone-like spike. Either color available.

ern prairies. 6 to 12 in. Blooms in May and June.  
**VIOLETS.** We offer 4 natives in 3 colors. **Meadow Blue, Woodland White** for shady places, and the little **Yellow Nuttallii** of the open prairie.

**BIRD'S FOOT VIOLET.** The showiest of all the natives. Large, violet colored blossoms borne in profusion in late May and June.

**YUCCA (Glaucia)—SPANISH BAYONET.** Hardest of the sword plant family. Long silvery blades with a tall spike of large greenish white bells in July. Fine to group with cactus.

**Pentstemon—Dwarf Blue**



## RED and BLACK RASPBERRIES



Chief

**RUDDY.** (See inside front cover.) Dr. Yeager's new hardy and heaviest bearing of all raspberries. A cross between black and red varieties. Color a handsome purple. Vigorous foliage, large and uniform fruits. Each, 12c; doz., \$1.20; postpaid, each, 15c; doz., \$1.40.

**CHIEF.** Hardest of the Minn. Fruit Breeding Farm varieties. A fine colored red raspberry with large and uniform fruit. Very heavy yield-

ing, strong and healthy. Doz., 60c; 100, \$4.00; postpaid, doz., 70c.

**LATHAM.** An outstanding commercial berry from the Minn. Fruit Breeding Farm. Does well under more favorable conditions. Doz., 60c; 100, \$4.00; postpaid, doz., 70c.

**SUNBEAM RASPBERRY.** We have at last worked up a stock of this old favorite from the plant laboratory of Prof. N. E. Hansen. Price: Each, 15c; doz., \$1.50.

**MRS. HEATH BLACK RASPBERRY.** A native collected by Mrs. Heath and perfectly hardy. A very prolific bearer and of excellent quality. Price: Each, 20c; doz., \$2.00; postpaid, each, 25c.

## CURRENTS

**RED LAKE.** This variety from the Minn. Fruit Breeding Farm is generally conceded to be the greatest improvement among currant varieties that has been brought out in the past 30 years. Hardy, highest quality, very prolific. The best red currant in existence. Price: Each, 25c; doz., \$2.50; postpaid, each, 30c; doz., \$3.00.

**WHITE GRAPE.** A clear, translucent white currant—sweetest of all the currant varieties. Fruit is large as are the clusters. A steady annual bearer. Hardy. Each, 20c; doz., \$2.00; postpaid, each, 25c; doz., \$2.50.

**NATIVE BLACK.** Transplanted, nursery grown stock of this hardy native. Black fruits in clusters. Excellent for jam and jelly. Also an ornamental of some value. Price: 2 yr., each, 20c; doz., \$2.00; postpaid, each, 25c; doz., \$2.25.

**GOLDEN CURRANT.** A handsome yellow flowered ornamental. Equally valuable for its large fruit which makes excellent jam and jelly. Price: 2 to 3 ft. Each, 35c; 10, \$3.00; postpaid, each, 40c.

## GOOSEBERRIES

**PIXWELL.** One of Professor Yeager's wonderful productions. A cross between a native wild selection and a high quality cultivated sort. The berries are very large. The plants rapid growing and vigorous. A heavy bearer. Fruit on long stems and bushes sparse in thorns, hence they are very easy to pick. Price: Each, 20c; doz., \$2.00; postpaid, each, 22c; doz., \$2.20.

**HOUGHTON.** The hardest of the older sorts that we have ever found. Fruit smooth, pale red, tender and well flavored. Not subject to mildew. Strong 2 yr. plants. Price: Each, 13c; doz., \$1.25; postpaid, each, 15c; doz., \$1.50.

**NATIVE WILD.** Useful especially as an ornamental, but valuable also for the considerable quantity of fruit produced. It is the first plant to leaf out in the spring when its new vivid green leaves herald the season. Turns bronze red in fall. Each, 30c; doz., \$3.00; postpaid, each, 35c; doz., \$3.50.



Pixwell



Houghton

## JUNEBERRY or SARVICE BERRY

**WESTERN JUNEBERRY.** One of our finest wild fruits which improves greatly under cultivation. Useful also as an ornamental shrub. Each, 18 to 24 in., 35c; 10, \$3.00.

**SUCCESS.** An extra large fruited variety of the low, bushy juneberry. Each, 75c.



# STRAWBERRIES

We are pricing strawberry plants only at postpaid prices. All orders for them will be shipped separately as we can not usually start shipping them till nearly May first, and the plants are likely to be damaged if packed in with other goods.

## YEAGER'S DRY WEATHER (See inside front cover).

Bred and first distributed by Dr. Yeager from Fargo. All who have tried it have found it to be the most drouth resistant of all strawberries. It is cold resistant, a good producer of quality fruit, not a good

shipper. A home garden berry produced especially for the Great Plains. **An everbearing sort.** Price: 25, \$1.25; 50, \$2.25; 100, \$4.00.

**PROGRESSIVE.** We still feel that this is one of the best everbearing strawberries available for the Northwest. It is very hardy, productive and of delicious quality. Most of the newer sorts winterkill badly. Price: 25, 60c; 50, \$1.00; 100, \$1.75; 1,000, \$15.00.

**GEM.** This exerbearing variety has been growing in favor on account of its hardiness, quality and heavy bearing so that we have decided to list it. We have not tried it for any long period as yet. Prices same as for Progressive.

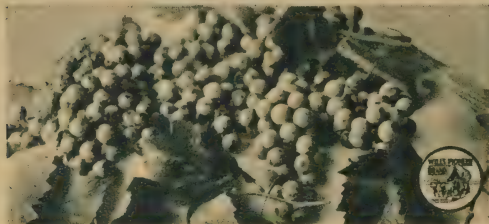
**DUNLAP.** We have found the Dunlap to be the best all-around June-bearing variety for our climate. The fruit is borne bounteously, and the berries are regular in shape and delicious in quality. They are large, bright red, and good keepers. Excellent for canning. Price: 25, 50c; 50, 90c; 100, \$1.25; 1,000, \$10.00.



Senator Dunlap



Progressive



Native Wild Grape

juice. 2 yr. plants. Each, 20c; doz., \$2.00; postpaid, each, 25c; doz., \$2.50.

**BETA.** One of several hybrids between Concord and the wild grape, produced in Minnesota a number of years ago. The hardiest tame grapes so far introduced—the fruit is blue-black, of medium size, with a pleasant, aromatic flavor. Should be planted only in sheltered spots where they bear well. Fruit ripens the last of August. Price: Strong plants, each, 30c; doz., \$3.00; postpaid, each, 33c; doz., \$3.30.

**ALPHA.** A sister of the Beta which it very closely resembles. Possibly a little better adapted to the heavy black soils. Fruit is perhaps a little sweeter. Size a trifle smaller than the Concord. Each, 30c; doz., \$3.00; postpaid, each, 33c; doz., \$3.30.

# GRAPES

**NATIVE WILD (Vitis riparia).** To insure fruit several should be planted as each plant is of a single sex. A fast grower, valuable as an ornamental climber, noted for the wonderful fragrance of its blossoms in June, and for the value of the fruit for jams, jellies and grape



Beta Grape

## EDIBLE AND USEFUL PERENNIALS



Canada Red

**MCDONALD RHUBARB.** Very large and prolific, practically without seed stalks, makes pink sauce, fine flavored. Each, 35c; doz., \$3.50; postpaid, each, 40c; doz., \$4.00.

**CHIPMAN'S CANADA RED RHUBARB.** The best rhubarb of all the good Canadian varieties. One of the productions of the famous Canadian plant breeder, G. F. Chipman. Stems dark red clear to the heart. As sturdy and prolific as McDonald, seedless. Produces the sweetest, finest flavored and most beautiful red sauce for dessert or in pies and shortcakes. Each, \$1.50; postpaid, each, \$1.60.

**EARLY SUNRISE.** Newest Canadian importation and said to be the best. Produces maroon red sauce rated above any of the varieties we list. Each, \$2.00; postpaid, each, \$2.10.

**STANDARD RHUBARB.** Common seedlings. Each, 20c; doz., \$1.50; postpaid, each, 25c; doz., \$1.70.

**MINT.** Spearmint, the mint of mint juleps. Easily grown in every garden. Postpaid, each, 15c; doz., \$1.50.

**BOHEMIAN HORSE RADISH.** The best cultivated variety. Doz., 30c; postpaid, doz., 35c.

**ASPARAGUS—MARY WASHINGTON.** Postpaid, doz., 35c; 50, \$1.00; 100, \$1.75;

F. O. B. here, doz., 30c; 50, 90c; 100, \$1.65.

**CHIVES (Schnittlauch).** Grass onion. An ornamental with balls of blue blossoms—foliage very useful for flavoring. Each, 20c; doz., \$2.00; postpaid, each, 22c; doz., \$2.20.

**ITALIAN PERENNIAL GARLIC.** Plant a few bulbs and have garlic always at hand. Grows new bulbs at tops of the stalk like top onion sets. Winters without dying out. Price: doz. sets, 90c; postpaid, \$1.00.



# HARDY APPLE TREES

All authorities on Great Plains Horticulture recommend planting only young stock such as we offer because it establishes itself much more quickly and easily and there is likely to be less loss. Remember that our apples are grafted and budded on the hardiest apple roots in the world.

**BREAKEY.** Another fine and very hardy apple from the Dominion Ex. Sta. at Morden. Medium in size; color, amber. Mostly covered with scarlet, striped. A delicious dessert apple from September to December, very juicy. An ornamental also with very large blossoms, 3 to 4 ft., each, 60c; 5 for \$2.75.

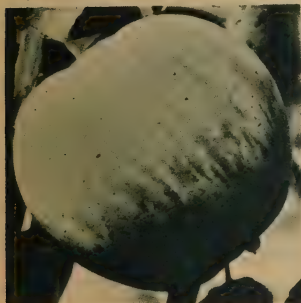
**MORTOFF.** A late fall apple. A Morden bred apple, fair size, hardy 400 miles north, yellow washed with red and striped, very tender, delicious flavor. Good tree and productive. Good till January. 3 to 4 ft., each, 55c; 5 for \$2.50.



Anoka

**YEAGER SWEET.** (See inside front cover.) This Apple, previously listed as a Crab (N. D. No. 6) has been placed after a conference with horticulturists among the real apples. It is 2 to 2½ in. in diameter. It has exactly the flavor of the old-fashioned sweet apple, flesh is of fine texture, and the apples ripen early. Its value is recognized more and more every year. 3 to 4 ft., each, 55c; 5 for \$2.50.

**ERICKSON.** This is one of the best apples of Russian origin. Exceptionally large in size, it is also of fine flavor. Season somewhat longer than that of Duchess, it is of a beautiful and uniform red color when fully ripe. Season Sept. to Nov. Price, 3 to 4 ft., each, 55c; 5 for \$2.50.



Erickson

**WEALTHY.** Keeps till January and is ready to use by October. A Minnesota variety which has become a universal favorite. Tree of good habit, hardy, blight resistant. Bears many large dark red apples with crisp, sub-acid white flesh tinged with pink. Not as hardy as some of the new sorts but safe over most of the Northwest. 3 to 4 ft., each, 55c; 5 for \$2.50.

**ANOKA.** The earliest bearing of all large apples. Begins to fruit the year after it is planted and bears regularly thereafter. Should be replaced every 5 to 10 years as it is not long lived. Fruit resembles the Duchess. Hardy under severe conditions. A production of Dr. N. E. Hansen. Each, 3 to 4 ft., 55c; 5 for \$2.50.

**WAUKON.** A seedling from Mr. Sykes of Moorhead, first grown by Professor Yeager and first introduced in our catalog. Like the Wealthy but better fruit, sturdier tree and hardier. A fall apple. 3 to 4 ft., each, 50c; 5 for \$2.25.



Mantet

**MANTET.** This is an introduction from the Dominion Horticultural Station at Morden, Manitoba, and a result of some of their extensive fruit breeding work. Mantet is to all intents an early, hardy McIntosh with the same deep red color. Ripens with the Duchess and is at its best till October. Sturdy trees and heavy bearing. 3 to 4 ft., each, 55c; 5 for \$2.50.

**RONDO.** Popular in Manitoba and very hardy. 3 to 4 ft., each 60c.

**GYPSY QUEEN.** Another new Canadian variety. 3 to 4 ft., each, 65c.

## HARDY PEARS

**TAIT-DROPMORE.** Another Canadian addition to our list. Perfectly hardy, fruits 2 to 2½ in. in diameter, very sweet and juicy. Ripens first week in September. Can be grown safely anywhere in our territory and far north into Canada. 3 to 4 ft., each, \$1.00; 3 for \$2.70.



Tait-Dropmore

**PIONEER.** A new pear received from Mr. Skinner. It has proved outstandingly hardy in Canada and possesses high quality. Price same as for Tait-Dropmore.



## HARDY AND PROLIFIC CRAB APPLES



**Red River**

3 to 4 ft. Each, 50c; 5 for \$2.25.

**PYRUS BACCATA.** The Siberian cherry apple. Hardest of the apple family. A handsome ornamental and useful as a root stock for more tender sorts. Makes good jelly. 5 to 4 ft. Each, 40c; 5 for \$1.75.

**MALUS TRANSITORIA (Hawthorn Crab).** A handsome ornamental with deeply cut leaves. 2 to 3 ft. Each, 50c; 5 for \$2.25.



**Trail**

**FLORENCE.** A Minnesota variety which has proven particularly hardy in the Great Plains. A fine, handsome tree, with heavy crops of beautiful, round medium sized crab apples of very good flavor. 3 to 4 ft. Each, 55c; 5 for \$2.50.

**RED RIVER.** Dr. Yeager's fine new crab. A cross between Dolgo crab and Delicious apple. Wonderful quality and flavor as an eating apple. A late large crab, round to oval; bright red skin, solid flesh of good color. A long keeper. 3 to 4 ft. Each, 50c; 5 for \$2.25.

**TRAIL.** Considered one of the hardest in Western Canada where it originated and at our N. D. Experiment Station. A cross between crab and large apple. A sweet juicy mid-season fruit, rather large, good to eat from the hand and for canning. 3 to 4 ft. Each, 60c; 5 for \$2.75.

**SIBERIAN CRAB.** Perhaps the hardest of all crabs and an annual bearer. Sturdy handsome tree. A heavy yielder of small yellow fruits. 3 to 4 ft. Each, 55c; 5 for \$2.50.

**WHITNEY.** One of the largest and best flavored crabs for eating from the hand. Matures late August and possesses nearly all the qualifications for a perfect crab. Bears rather lightly on the Great Plains except in a favorable year. A fine shaped, upright tree of great sturdiness. An excellent pie apple. 3 to 4 ft. Each, 55c; 5 for \$2.50.

**ROSILDA.** Another extra hardy Canadian fruit, large, fine of flavor and texture, mid-season. Considered superior for canning. A cross between Crab and McIntosh Apples. 3 to 4 ft. Each, 55c; 5 for \$2.50.

**GOLDEN ANNIVERSARY.** A seedling that appeared at our nursery some years ago. A very large, fine flavored crab, yellow with red blush. Very hardy. 3 to 4 ft. Each, 55c; 5 for \$2.50.

**MARTHA-DOLGO.** A new cross between Dolgo and the large Crab, Martha. Has all the good qualities of Dolgo, is larger and better flavored. 3 to 4 ft. Each, \$1.00.



**Dolgo**



**Siberian Crab**



**Scugog Flowering Crab**

## ORNAMENTAL FLOWERING CRABS

These are all perfectly hardy and not even the famous Japanese Cherries of Washington, D. C., can equal them in their beauty, which persists throughout the season in fruit and foliage. 3 to 4 ft., each, 75c; one of each of the five, \$3.00.

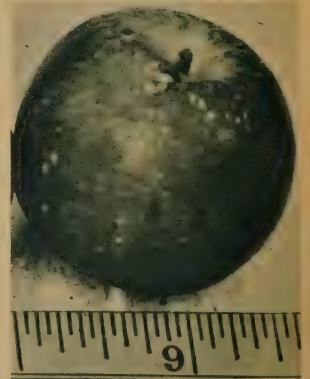
**HOPA.** Dark red flowers, fruit and foliage.

**SCUGOG.** A beautiful Canadian crab with very large bright red flowers and good-sized fruit with pink flesh.

**REDTIP.** Large, bright pink flowers, red tinged foliage.

**MINNESOTA WILD CRAB.** The western wild crab at its hardest, with dense masses of pink bloom.

**DAKOTA PINK EYE.** A variation of baccata crab found at our nursery. White blossoms with pink streaks radiating from the center.



**Whitney**



# CHERRIES and CHERRY HYBRIDS

Nearly all of these plants are self-sterile—plant wild plum or sand cherry near them for pollinizing.

**NANKING OR CHINESE BUSH CHERRY** (*Prunus tomentosa*). A perfectly hardy ornamental shrub, valuable for its delicious bright red fruit, its handsome bloom in early spring and its compact shape. 18 to 24 in., each, 35c; 5 for \$1.50.

**TOM THUMB SAND CHERRY.** A bush cherry with red flesh. Grows only 3 to 5 ft. high. One of Dr. N. E. Hansen's productions. A very hardy fruit, popular well into Canada. Pleasant to eat fresh. May be set out about like gooseberries and will bear well at that rate of planting.

Chinese Bush Cherry

ing. 2 to 3 ft., each, 55c; 5 for \$2.50.

**COOPER CHERRY.** A selection by Professor Yeager a number of years ago. At Fargo it proved very good. A heavy yielder, fruit somewhat larger than Compass, darker in color, and of an excellent flavor. Tree has the general habit of the Compass, of which it is a seedling, and is absolutely hardy. 3 to 4 ft., each, 50c; 5 for \$2.50.

**COMPASS.** The oldest and best known of the sand cherry hybrids. Ripens late July or August. Fruit bright red when mature, nearly an inch long, oval, pleasant to eat fresh; unrivalled for sauce, jelly or jam. Hardy throughout the whole Northwest. 3 to 4 ft., each, 50c; 5 for \$2.25.

**MORDENA.** A descendant of the Compass, the fruit is larger, dark purple in color with deep red flesh. A product of the Morden Station. Habit of growth is that of a small tree like the Compass. Ripens a trifle earlier. Quality very good. 3 to 4 ft., each, 60c; 5 for \$2.75.

**CHAMPA SAND CHERRY.** Another of Dr. Hansen's varieties. Very similar to Tom Thumb, a low bush that can be planted close. The principal difference is that the fruit has green flesh instead of red. Bears a little earlier. Fine flavor. 3 to 4 ft., each, 50c; 5 for \$2.25.

**OKA.** Another Hansen fruit. A fine large cherry, borne on a tree instead of a bush. Quite variable in performance, depending on local conditions. At its best it is perhaps the finest of the type. The fruit is very large for a cherry, a rich purple in color, skin thin, flesh red, delicious flavor. Fruit hangs to tree and cures there like a dried prune. 3 to 4 ft., each, 55c; 5 for \$2.50.

**BROOKS SAND CHERRY.** The largest and best selected sand cherry yet introduced. From the C. P. R. Agricultural Station at Brooks, Alberta. Fruit over an inch in diameter, excellent for jam and canning. Branches do not drag on the ground. Produces a crop in the driest years. 2 to 3 ft. bushes, each, 60c; 5 for \$2.75.

**BLACK BEAUTY.** A selected sand cherry of Canadian origin and developed by the late G. F. Chipman of Winnipeg. Fruit nearly as large as the Brooks and of fine sweet flavor. Perfectly hardy. 2 to 3 ft. plants, each, 50c; 5 for \$2.25.

**SAND CHERRY** (*prunus besseyi*). The native bush cherry of the Great Plains. Fruit almost the size of a sour cherry, black and often very fine flavored. Always good in jam and jelly. A low bush, may be planted 3 to 4 ft. apart and will produce a tremendous quantity of fruit. 18 to 24 in., each, 35c; 10 for \$3.00.

**WESTERN CHOKECHERRY** (*Prunus melanocarpa*). Larger and sweeter than the eastern chokecherry. A tremendous bearer. One of our very hardiest natives, useful as an ornamental, in shelter belts and for its fruit which makes perhaps the most delicious of all jellies and syrups. It is becoming more valued and appreciated yearly. 3 to 4 ft., each, 35c; 10 for \$3.00.

**YELLOW CHOKECHERRY.** With yellow fruit. 2 to 3 ft., each, 40c; 10 for \$3.00.

**PINCHERRY.** Grows into a handsome small tree bearing bright red cherries which make excellent jelly. 18 to 24 in., each, 35c; 5 for \$1.50.

FOR ALL SEEDLINGS SEE PAGE 62.



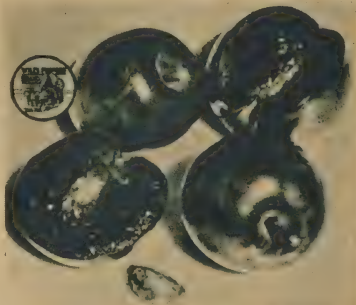
Tom Thumb



Brooks Sand Cherry



Compass Cherry



Oka



Choke Cherry

## ORNAMENTAL CHERRIES

**PURPLE LEAVED SANDCHERRY—CISTENA.** Grows 3 to 4 ft. high, spreading about the same. Foliage of a rich dark red, which makes a valuable contrast in shrub plantings. 2 to 3 ft., each, 50c.

**PRUNUS JAPONICA.** A shrub to 5 ft. tall, broad and graceful, white to pink flowers in early spring, followed in August by tremendous numbers of bright red fruits. 18 to 24 in., each, 50c.

**PURPLE LEAVED CHOKECHERRY.** This is something entirely new in ornamentals, discovered by our nursery chief, Mr. Schubert, several years ago. It leaves out green in the spring and gradually turns to a dark purple during the summer. Very striking. 2 to 3 ft., each, \$1.00.

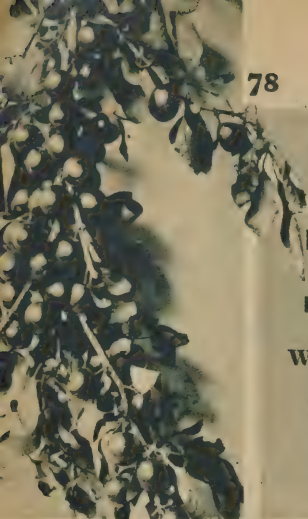


# PLUMS and PLUM HYBRIDS

## Hardy Quality Varieties for the Northern Plains

Plant Several Types Together or Plant with Cherries to Insure Pollination

**WILD PLUM.** This hardy native is rapidly acquiring popularity for its value as a shelter belt tree as well as an ornamental and a producer of fruit. We offer very thrifty stock from native seed. Wonderful for sauce, jam and jelly. 3 to 4 ft. Each, 40c; 5 for \$1.75; 10, \$3.25. See page 62 for seedlings.



Opata

**OPATA.** A cross between sandcherry and Gold Plum by Dr. N. E. Hansen. The most widely used of the Hansen Hybrids. Head low, trim out old wood as it bears on the new wood. A round fruit 1 to 1½ in. in diameter, with green flesh. A very nice flavor and wonderful for canning. Ripens in early August, 3 to 4 ft. Price, each, 55c; 5 for \$2.50.

**DURA.** The Dominion authorities have so named the fine P-4A-18 Sapa seedling in recognition of its long lasting qualities after it is ripe. A beautiful fruit; bears tremendous crops of large mottled plums with rich dark purple flesh and very small pits. A week or more later than Sapa. Fruit hangs to the tree for a long time, and shrivels without spoiling. 3 to 4 ft., each, 60c; 5 for \$2.75.

**KAGA.** Another Hansen plum and one of the most delicious we have ever tasted. Its unusual fine sweet flavor comes from the apricot plum blood which it contains. Not very large but tops in quality. 3 to 4 ft. Each, 60c; 5 for \$2.75.



Splendid

**WANETA.** Apparently the hardiest of the extra large size plums. The largest of Dr. Hansen's productions. A heavy bearer of very large, good quality fruit. Very drouth resistant. Ripens in mid-season. The best large plum for the Great Plains. 3 to 4 ft. Each, 55c; 5 for \$2.50.

**BOUNTY.** An outstanding seedling of Assiniboine—very early, excellent as a dessert fruit and very satisfactory for canning. Bears very heavily every year, is large even when a heavy crop is set. An oval, red plum, with thin skin and yellow flesh. Each, 3 to 4 ft., 60c; 5 for \$2.75.

**CREE.** Another Hansen plum and one of the best. Has blood of the prunus nigra wild plum of the north and is very hardy and cold resistant. Fruit bright red, skin thin, flavor excellent, ripens in late August. 3 to 4 ft. Each, 60c; 5 for \$2.75.

**TECUMSEH** (See inside back cover). Professor Patterson of the University of Saskatchewan Horticultural Dept. says, "It is a high class plum with considerable promise for the north." One of Dr. Hansen's productions. Very good at Mandan. 3 to 4 ft., each, 55c; 5 for \$2.50.

**SPLENDID** (See inside front cover). Of Minnesota origin, Mr. Gerbracht of Hettinger, N. D., has found this plum to be perfectly hardy, a steady bearer and more adapted in every way to high plains conditions than any other large, quality plum he has tried. Fruit large, dark red to purple, with delicious yellow flesh. 3 to 4 ft., each, 60c; 5 for \$2.75.



Tecumseh

**GRENVILLE.** This is one of the very largest plums ever grown in the North. It comes to us from Canada where it has proven to be a very good bearer and extremely hardy. In addition it is of very excellent quality. 3 to 4 ft., each, 65c; 5 for \$3.00.

Underwood

**RED WING.** This variety has stood up remarkably well in the dry area during the past few severe years. It is a very large fruited plum. Fruit is firm, sweet and of good quality. Color is yellow overlaid with red. Mid-season bearer. 3 to 4 ft. Each, 50c; 5 for \$2.25.

**UNDERWOOD.** Many of the Minnesota plums are not adapted to the Great Plains. Long trials of Underwood, however, have sufficed to prove its hardiness. In flavor it equals the Japanese plums, size is intermediate, trees strong and thrifty and bear annually. Fruit is dark red and sweet, ripens in late August, and is an excellent keeper. 3 to 4 ft. Each, 55c; 5 for \$2.50.



Waneta



## GARDEN FOR VICTORY

79

### EMERALD

A large plum of fine flavor, excellent for canning. Freestone.

Color reddish purple. Matures after Sept. 15th, being our latest dependable plum. 3 to 4 ft., each, 55c; 5 for \$2.50.

**MINN. NO. 62.** A bright red, early plum from the Minn. Fruit Breeding Station. Fruit large, of very good quality, and the tree seems exceptionally hardy. 3 to 4 ft., each, 60c; 5 for \$2.75.

**MINN. NO. 133.** Another plum from the Minnesota Station. Fruits early, bears large, very sweet plums, with dark, mottled skin. A dependable bearer and very hardy under severe conditions. 3 to 4 ft., each, 60c; 5 for \$2.75.

**RADISSON.** Another extra hardy Minnesota plum. An early variety, fairly large, with good tree form. Fruit is a handsome red and the quality very high. 3 to 4 ft. Each, 50c; 5 for \$2.25.

**PIPESTONE.** A large new Minnesota plum much like Red Wing and reported to be even better in some respects. 3 to 4 ft., 60c; 5, \$2.75.

**RED JUNE X SANDCHERRY.** This new hybrid from the Morden Station is much like Dura in fruit, but growth habit is more upright. Excellent quality, with green flesh. Each, 55c; 5 for \$2.50.



Emerald

## HARDY APRICOT

**SCOUT (For picture see page 3).** A genuine edible apricot from the Dominion Experiment Sta. at Morden, Manitoba. A small tree up to 12 feet. Bears well. Fruit is a bronze gold in color, flesh yellow, free stone, tender, free of fibre, thin skinned. Delicious as a dessert, canned or for jam. A Manchurian or Siberian apricot should be planted as a pollenizer. 3 to 4 ft., each, \$1.00.

**MANCHURIAN.** An Asiatic shrub to pollenize the Scout. 3 to 4 ft., each, 50c.

## CHOICE SEED POTATOES

Prices subject to change. Write for our Blue Price List and Prices on Larger Lots

**WARBA.** A cross between Triumph and a Minnesota seedling. Round, white, with pink eyes. Early and a very heavy yielder. Resistant to mosaic and hot, dry weather. Price F. O. B. here, 1 pk., 40c; ½ bu., 80c; bu., \$1.50.

**CHIPPEWA.** Probably the best quality and heaviest yielding of the medium late white potatoes. F. O. B. here, 1 pk., 40c; ½ bu., 80c; bu., \$1.50.

**TRIUMPH.** An early, round red potato much sought in the south for winter growing. Uniform in size and shape and a very heavy yielder. F. O. B. here, pk., 40c; ½ bu., 75c; bu., \$1.40.

**EARLY OHIO.** The old favorite. Stands more drouth and hot weather than any sort we know. F. O. B. here, pk., 40c; ½ bu., 75c; bu., \$1.40.

**EARLY IDAHO.** (Earliest of All.) Once more we are able to offer this specialty of ours. A medium size, pink, oblong potato ripening in a compact mass in the hill. Matures in 60 days. F. O. B. here, pk., 50c; ½ bu., 90c; bu., \$1.60.

**IRISH COBBLER.** A medium late or main crop sort. Yields very heavily under good conditions. A round, flattened potato of large size with many to the hill. F. O. B. here, pk., 40c; ½ bu., 75c; 1 bu., \$1.40.

## POTATO EYES



We can furnish carefully cut eyes from any of the above varieties. These dry

out in very dry weather quicker than larger pieces but otherwise are very satisfactory. They save considerable in transportation costs. Price, 100 postpaid, 60c; 1000, \$5.00. F. O. B. here, 1000, \$4.50.



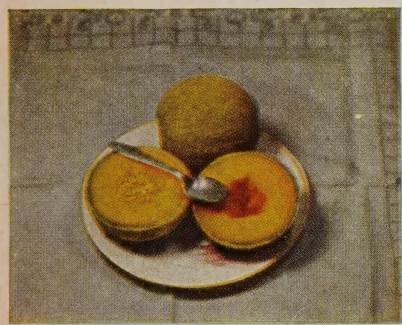
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**VICTOR TOMATO.** An All American Selection for 1941. Early, smooth, prolific, even ripening. Pkt., 10c; oz., 50c. See page 44.



**WAZU.** Our new small, thick meated early Muskmelon. Very sweet. Pkt., 10c. See page 33.



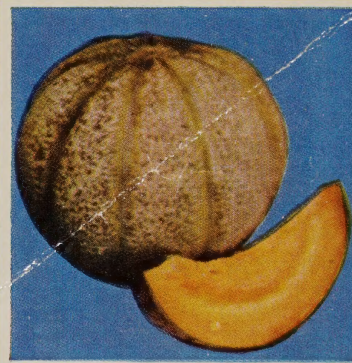
**TECUMSEH PLUM.** A late, very sweet and very hardy plum for September. See page 78.



**ORO BLANCO,** the very early small, sweet Persian Melon. Pkt., 10c; oz., 20c. See page 32.



**EXTRA EARLY SIBERIAN CUCUMBER.** Earliest of all and very prolific. Fine for pickles. Pkt., 10c; oz., 25c. See page 26.



**CHIPMAN CHAMPLAIN.** The old favorite, earliest of all quality Muskmelons. Pkt., 10c; oz., 20c. See page 33.



**CHEYENNE PUMPKIN.** The individual pie pumpkin from the U. S. Experiment Station at Cheyenne, Wyoming. Pkt., 10c; oz., 20c. See page 31.



**BANQUET SQUASH.** Sweet, prolific, early and hardy. Best for the Great Plains. Pkt., 8c; oz., 15c. See page 43.



# WILL'S VICTORY GARDEN COLLECTION

Planned for a garden 25x80 feet in 25 foot rows, with cultural leaflet included. Amount, variety, space required, distance between rows, and prices are shown in the following:

1/4 lb. Beans, Top Notch Golden Wax, 2 rows, 2 feet	\$0.13	1 pkt. Parsnip, Hollow Crown, 1 row, 18 inches	.06
1/4 lb. Beans, Green Pod Stringless, 1 row, 2 feet	.13	1/2 lb. Peas, Laxton's Progress, 2 rows, 18 inches	.24
1 oz. Beets, Detroit Dark Red, 3 rows, 18 inches	.16	1/2 lb. Peas, Lincoln, 2 rows, 2 feet	.23
1 pkt. Cabbage, Copenhagen Market, 3 rows, 2 feet	.08	1 oz. Radish, Will's Early Carmine, 2 rows, 1 ft.	.11
2 pkts. Carrot, Danvers Half Long, 2 rows, 18 inches	.16	1 pkt. Squash, Banquet, 1 row, 5 feet	.08
1/2 lb. Sweet Corn, Golden Bantam, 8 rows, 3 feet	.20	1 pkt. Swiss Chard, Lucullus, 1 row, 18 inches	.08
1 pkt. Cucumber, Early Fortune, 1 row, 5 feet	.05	1 pkt. Tomato, Victor, 3 rows, 3 feet	.10
1 pkt. Lettuce, Early Curled Simpson, 1 row, 1 foot	.05		
2 pkts. Onion, Silverskin, 2 rows, 18 inches	.14		

Postpaid

**\$1.35**

VALUE IF ORDERED SEPARATELY...\$2.00



**OSCAR H. WILL & CO.** BISMARCK, NORTH DAKOTA